

Electronics Production Facility offers courses in PC assembly and surface mount technology

Electronics Production Facility offers courses at the Naval Air Warfare Center Weapons Division China Lake site.

Printed Circuit Assembly Rework and Repair Training

A course on how to rework and repair that expensive electronic assembly is being given locally this week by the Electronics Production Technology training facility at 543 Graff St. in Ridgecrest. The course will be offered twice again, beginning April 27 and June 1 and are 40 hours in length.

This course will help identify the type and proper techniques to remove conformal coatings, desoldering and component removal, conductor trace and pad repair or replacement, and other repairs to the printed circuit assembly. Certification to MIL-STD-2000 is suggested but experience in soldering techniques is required.

Hands-On Surface Mount Technology

A course presenting full coverage of the major aspects of surface mount technology and guidelines for design, assembly, inspection and test, will be held each of the next three months.

This will include solder paste application, adhesive application, hand and machine component placement, vapor phase reflow soldering, infrared reflow soldering, hot air reflow soldering, and chip wave soldering.

Courses begin April 13, May 4, and June 15 at the Electronics Production Technology Training Facility, 543 Graff St. and are 40 hours in length.

These courses are available to military and civilian employees of the Naval Air Warfare Center Weapons Division and Naval Air Weapons Station, China Lake, and contractor personnel.

Cost for either of these five-day courses is \$925, payable by check for contractors and by job order number on a training request for Station employees.

For course scheduling or details call the Electronics Production Technology Training Facility at 446-5571.

Long-time employee Richard Aldrich passes away

Richard L. Aldrich, a Defense Investigative Services special agent assigned to China Lake died at age 51 on Wednesday morning. Services are set for 1 p.m., Saturday at Holland & Lyons Chapel. Private cremation will follow. Aldrich, a Indian Wells Valley resident since 1944, is survived by his widow, Crystal, three daughters, Kara, Deven and Laura; a son, Richard, one grandson and a sister.



Jewelry Jottings

A curved band of ivory, carved by a prehistoric craftsman 10,000 years or more ago, has been found near Kiev. The quality of workmanship is surprisingly good. It was probably worn as a bracelet to ward off evil spirits.



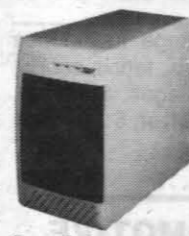
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THE ROCKETEER

THURSDAY, APRIL 9, 1992

NAVAL AIR WEAPONS STATION, CHINA LAKE

VOL. 48, No. 14



PREPARING for the cutover on Friday night, Brad Rollness, CASI switch engineer, adjusts the FMT150, which is the fiber optic transmission system connecting all China Lake sites into one system.

Government/contractor team expertise sees fuze supplier qualified in one year

In early February a Naval Air Warfare Center Weapons Division/Texas Instruments fuze engineering team celebrated the success of their efforts.

Pulling together expertise from the two entities, the team successfully qualified Texas Instruments as an FMU-111/B Fuze supplier in just one year. Such qualifications had taken as long as two and one-half years with other suppliers.

While Texas Instruments (TI) is the prime contractor for production of HARM, their engineers had no real experience in fuze design, so when problems arose, TI management and NAVAIR tasked a team of engineers from both TI and NAWCWPNS to resolve their concerns. In November 1990, the government/contractor fuze engineering team was empowered to begin work.

"Actually it was a very natural and sensible kind of arrangement," said Larry Luxton, head of the ARM Weapons Office. "TI recognized our fuze design capabilities and we recognized their

manufacturing and producibility capabilities."

The team consisted of Don Bergeron, Jeff Downs, Becky McKelvy, Doris Hedblom, Mark Kocsis and Ted Kass from TI and Debby Rios, Mike Tyler, Terry Heaton and George Stefan from China Lake.

Tyler said the team truly was "empowered" to complete the assigned task. "The project office and TI's upper management basically stayed out of the way," he said. "We kept them apprised, but there was no intervention from management on either side."

He noted, the team operated as one with open and frank discussions and unedited data transmission. Issues were addressed as they occurred, and change decisions were not based on emotion. Because of this, he admitted, some of the government's requirements in the original package were discovered to be unnecessary, and omitting them enhanced the producibility of the fuze design.

Please see **FUZE**, Page 13

New phones go on line Friday evening

Assistance offered during transition

By Peggy Shoaf
Staff Writer

Monday morning is the first full workday China Lakers will use the new Center Telecommunications System for on and off-Station calls. Between 6 and 6:30 p.m. on Friday evening (April 10), members of Contel Advanced Systems Inc., and the CTS team will "cutover" to the new system, ending an era of outdated telephone service at China Lake, said Nancy Guglielmo from the Telecommunications Project Branch.

During the cutover time, users may have some difficulty making off-Station calls from both the old and new systems, Guglielmo said.

According to Guglielmo, CASI and Code 271 employees will be available at various locations on Monday morning to assist users with phone usage during this transitional period. People needing assistance with using their new phones can also dial 611 on a CTS phone. If needed, Guglielmo said a CASI or Code 271 employee will visit specific locations.

With the addition of the new 927 exchange, personnel must dial all seven-digits to reach on-Station numbers. The addition of the exchange also created a new Defense Switch Network (Autovon) exchange. For people with telephone numbers beginning with 939, the DSN prefix remains 437. If the CTS number has a 927 prefix, the new DSN prefix is 469.

While many China Lake numbers will remain the same, Guglielmo reminds employees the 927 exchange has created a complete set of new numbers and encourages them to double check phone numbers before they call.

Interim directories, containing updated telephone listings for the China Lake site, have been distributed to all department CTS points of contact. People who have not received this directory should call their department CTS point of contact.

Due to extensive changes in commercial and DSN numbers, and the movement of employees since installation of the new system started last year, there will be errors in the listings, Guglielmo said. Incorrect listings, such as misspelled names or incorrect numbers or locations, should be reported immediately to 939-8789. Corrections may also be made by sending the correct information to SCF::PHONEDIR on VAX E-mail or QuickMailing them to Teresa Daugherty (BCS) at the Information Systems Group's Message Center.

Guglielmo added that FINDNAME on the SCF VAX is an excellent source for correct numbers and locations, as it is updated every Monday. Personnel may also call the information operator at 411. According to Guglielmo, an additional information operator will be on duty for the first two to three weeks after cutover, and both will have the latest directory information.

In May, after corrections have been made, another directory will be issued for all the sites of the Naval Air Warfare Center Weapons

Please see **PHONES**, Page 8

Editor's Note

St. Amand suit updated; other reactions to last week's Special Edition

2

TVIS and CenterVision

New technology opens with training sessions and environmental video later this month

7

Month of the Child

China lake child care providers are trained professionals

16

The Weather Report

	Max.	Min.	Gusts	Precip.
Wed	70	47	26	.20
Thurs	83	42	8	-
Fri	85	43	11	-
Sat	83	46	14	-
Sun	79	43	17	-
Mon	78	41	10	-
Tues	82	44	7	-



COMMENTARY

China Lake Calendar

Tuesday, April 14

•WACOM Style Show and lunch meeting, 11 a.m., Seafarer Club.

Wednesday, April 15

•Capt. Garth VanSickle, VX-5, speaks at Society of Logistic Engineers lunch, The Hideaway, 11:30 a.m.
•IEEE luncheon meeting, Bob Olson speaks on "Systems Engineering", 11:30 a.m., Seafarer Club.

Thursday, April 16

•RAdm. W.E. Newman speaks at National Contract Management lunch meeting, Carraige Inn, 11:30 a.m.

Monday-Friday, April 20-24

•Secretaries Week observed at China Lake

Monday, April 20

•China Lake ITEA Chapter dinner meeting, Carraige Inn, 6:30 p.m. Col. Guy Gardner, USAF, guest speaker.

The Commanding Officer's Desktop



The Commanding Officer's Desktop is a forum for China Lakers who have questions of broad interest. It is not the intent of this column to circumvent the normal chain of command. Questions may be called in to 939-2727 or mailed to "CO's Desktop, C/O Code 0033, NAWs, China Lake.

QUESTION

I work in a department that owns office space in the old housing duplex south of Inyokern Road. Very often I try to walk over to the main side and I have had a lot of trouble safely crossing Inyokern Road. I remember recently you decided against restriping crosswalks, citing pedestrians can always cross at a fourway intersection. But no matter where I stand on the corner, whether Parsons, Bard or Hussey, cars just zip by and don't even seem to see me there. The only way I can safely cross is if there are no cars in either direction for a couple of hundred yards. Even school buses zip by without slowing down or stopping. This is also a problem on Blandy Road. I was wondering if you could see to it a safety bulletin is put out that reminds drivers that anyone standing on a corner or stepping off a curb has the right of way when crossing the road and doesn't have to be in a crosswalk. Thank you very much.

ANSWER

Thank you for bringing this to my attention. All motorists should be aware that the California vehicle code states that a crosswalk exists at all intersections unless pedestrian crossing is prohibited by signs. When a motorist approaches an intersection where a pedestrian is waiting to cross, it is the motorists' responsibility to stop and allow that pedestrian to safely cross. When the decision was reached to allow the crosswalks to fade out, an article was printed in *The Rocketeer* (the March 14, 1991 issue). That article will be reprinted in the near future to further spread the word. In the meantime, extra copies of that article can be picked up at *The Rocketeer* office, located at 902 Nimitz.

Pages From The Past

April 9, 1982

Gallant Eagle-82 troops headed home after a week-long rapid deployment exercise. . . Gloria Morrow was named civilian of the quarter at the Branch Medical Clinic. . . VAdm. R.F. Scholtz, commander, Naval Air Forces Pacific Fleet was a China Lake visitor recently. . . Housing area residents received an earthquake briefing from Dr. Pierre St. Amand.

April 14, 1972

James McGlothlin was installed as the new Indian Wells Valley Council Navy League president by RAdm. W. J. Moran, NWC Commander. . . NWC's Deputy Technical Director, Walt LaBerge was among the speakers at a National Security Industrial Association conference held here last week. . . CWO Phillip Moore returned to China NWC for a second tour of duty in less than four years, this time as aviation supply officer.

April 13, 1962

Pierre St. Amand appeared on the "To Tell the Truth" CBS quiz show and stumped the panel of celebrities as to his real profession. . . Sgt. Aaron Jones heads up the new juvenile division of the China Lake Police Department. . . Pacific Air Lines will start scheduled DC-3 service between Inyokern and Los Angeles. . . LCDr. Jack Griffen is the final officer-in-charge as Guided Missile Unit-25 is disestablished.

April 9, 1952

Former Technical Director, Dr. L.T.E. Thompson was presented the Navy Distinguished Civilian Service Award by Secretary of the Navy Dan Kimball. . . Professional boxing came to China Lake with a battle of top lightweights. . . Seaman Kenneth A. Burkman won \$146 on the "S64 Question" quiz show in Los Angeles. . . Lt. William Hampton is the new NOTS athletic director.

TROUBLE?

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Editor's Note

By Barry McDonald
Editor

April Fools aftermath

(Before the ink was hardly dry on last week's April Fools edition, our FAX printed the following update on the St. Amand suit. The source was "News 'R Us" and the story, by "April's Fool." Since we could not contact the writer, we do not guarantee the credibility of the story.)

Dr. Pierre St. Amand, in a rush to excellence, settled his infamous \$30 million claim against the Navy for 30 cents. Yes, only 30 cents.

Attorneys for St. Amand stated, "With the recent heavy rainfall, our client was able to go outside and stand in the rain. While he did this, he noticed the green dye running off his chin. Dr. St. Amand was relieved this condition was not permanent, owing this to the fact that his wife was experimenting with Easter egg dye at the time she accidentally spilled her concoction on his chin while the famed doctor was napping."

The 30-cent settlement was agreed upon since St. Amand did not want to be recognized as a run-of-the-mill two-bit "headline grabber."

I've wanted to do a cover like we did last week ever since the Feb. 18 issue of the *Weekly World News* scooped us with the story about the UFO landing on the *USS Nimitz*. The Pentagon still won't give us the lowdown on that one.

The response to the cover exceeded what we expected. Frankly, we didn't know what to expect. We knew it was quite possible there might be a place reserved for us on the carpet before the desk of either of two senior captains, but we took a shot.

Please see **EDITOR'S NOTE**, Page 9

THE ROCKETEER

NAVAL AIR WARFARE CENTER - WEAPONS DIVISION
COMMANDER
 RAdm. William E. Newman
VICE COMMANDER
 Capt. Douglas W. Cook
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 FOR RESEARCH AND DEVELOPMENT
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DEPUTY COMMANDER FOR TEST AND EVALUATION
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COMMUNITY EVENTS

Anyone interested in furthering literacy are invited to the IWV Literacy Council meeting set for 7 p.m. on Thursday, April 9, at the Literacy Center, 815 Bowen Street, China Lake. To learn more about the council, call Carol, 371-4097, or Joy, 446-5227.

On Saturday, April 11, the Annual Charity Horse Show will begin at the Desert Empire Fairgrounds at 8 a.m. It is open to all breeds of horses. On Sunday, April 12, the Annual Class "A" All Arabian Horse Show will be held. This show, which also starts at

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8 a.m., will feature champion horses from throughout Southern California in colorful native Arabian costume. Both shows are sponsored by the Association of Ridgcrest Arabian Breeders and proceeds will benefit the High Desert Child Abuse Prevention Council. There is no cost to watch the show.

Sponsored by the Ridgcrest Emblem Club, the community blood bank will be held Tuesday, April 14, from 1 to 6 p.m. at the Elks Lodge, 201 E. Church St.. Donors must be between 17 and 66 years old and should eat a meal, with no dairy products or fried foods, two and one half to five hours before donating. Persons who have had certain diseases will not be allowed to donate. For more information, or if you need blood replacement unit credit, contact Indain Wells Valley Chairperson Dorothy Jackson at 375-2059.

Members of the Veterans of Foreign Wars Ship 4084 and their auxiliary plan a Mongolian Bar-b-que from 3:30 to 7:30 p.m. on Saturday, April 18 at 117 Alvord St. Tickets, which are \$7 each, can be purchased at 117 Alvord St. Proceeds support the organization's Voice of Democracy Scholarship Fund.

ADP SPEDI News

Volume sellers:
 90MB Bernoulli transportable #S0700426-TRAN (dual 90 is #S0700425-DUAL)
 90MB Bernoulli cartridge tripak #S0700429
 Mac high density floppy drive #M0247
 SyQuest 44MB disk cartridge #SQ400
 44MB Bernoulli cartridge tripak #S0700377
 memory, Mac 1ea 1MB SIMM #1MBX8-80
 20MB Bernoulli cartridge tripak #S0700378
 memory, Mac 4ea 1MB SIMM #1MBX8-70
 Pinnacle Micro CD-ROM internal, IBM & compat, incl controller & CD-ROM #PCD-100

Maxell 2.3GB 8mm certified DAT tape #HSB/12 (same Sony tape #QG112M)

Some new & newish items:
 Instrumentation tape, 1" x 9200', 14" aluminum precision rec. #897-LR-262W1D3
 2.44MB floppy 3 1/2" disk drive kit includes drive, cable & controller #M25342/2068
 2.88MB 3 1/2" diskettes for above drive #PMF-2ED-V10U

Computing Technology
 251 Balsam Street 375-5744

Seagate 1GB SCSI hard drive (1,037MB, 15ms) #ST41200N
 90MB Bernoulli internal #S0700427 (req intfc)
 44MB Bernoulli internal master #S0700260 (requires interface)
 44MB Bernoulli internal slave #S0700261
 dual media drive reads & writes all std IBM 5 1/4 & 3 1/2" floppies #AMF-ATW
 interface for all Bernoulli drives: Mac intfce #S0700337-Mac-1B; IBM intfce #0700210
 Farallon Connector 8-pin miniDIN #PN308
 MicroNet removable 88MB drive for Mac; kit includes s/w & cable #MR-90R

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 REAL ESTATE.....25
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 MISC. FOR SALE.....40
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15 SERVICES/SCHOOLS

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35 AUTOMOTIVE

89 HONDA CR 500 and trailer. \$2,500. 446-7895, lv. msg. (0415)

1990 YAMAHA VIRAGO 750 cc, low miles, xint. cond. \$3800 OBO. 446-1570. (0408)

1990 NISSAN Hardbody Pickup. Carpet kit, stereo, camper shell. \$8300. Call 375-7475 after 3pm. (0429)

35 AUTOMOTIVE

72 VW CAMPER VAN - nice condition. 446-7271. (0415)

18 FT. FISHING/SKI BOAT w/walk through bow. 170HP Volvo engine. 270 Tenta outdrive. Comes w/trailer, 7 hp Evinrude trolling motor, depth finder, CA radio, skis, life jackets and more. Asking \$6,000. 225 Larkspur. 375-7475. (0506)

40 MISC. FOR SALE

CSUB Master of Administration textbooks for sale: Private and Public Investment Analysis, Financial Decision Making, Strategic Management, Administration of Government Contracts, Organization Theory and Design, and Organizational Behavior. Sell for 40% of published price OBO. LT Abel, 446-7805. (0422)

LADIE'S BICYCLE, 23" frame, blue, like new condition. \$100. 446-4754. (0422)

EZ LIFT TRAILER TOWING ASSEMBLY. 750 lb. rated. \$180. 446-0951. (0422)

40 MISC. FOR SALE

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Yes or No

Customers vote for or against an all-you-can-eat Seafarer buffet

According to Fred Garcia, the Seafarer Club manager, the club values its lunchtime patronage and wants to give them the best possible service and product his staff can offer. To better serve his customers, Garcia asks China Lakers to take a moment to answer the following question and to mail their responses to The Seafarer Club, Code 193, NAWS, China Lake, CA 93555-6001.

Would you be interested in a all-you-can-eat salad bar buffet with hot and cold dishes for a low price of \$5 to \$6 per person?

Yes _____ No _____

Garcia also noted a limited menu would be available during the luncheon buffet, as he realizes the short time many of his customers have for lunch and wants to cater to their needs.

Indoor Volleyball contest slated

Seafarer Club employees challenge all China Lakers to take part in their Indoor Volleyball contest set for May 2 at the Seafarer Club. Starting at noon, four-person teams will try to stay on their bar stools as they try to keep their seats while keeping the nerf volleyball in the air and inbounds.

Cost is \$10 per person and prizes will be awarded to the winner of the 16-team

competition. Free soda, beer and food will be provided to all the players.

Cheryl Hays, MWR secretary, said they would prefer teams to register for this event, but individuals can register in the hopes there will be enough to make up a team.

Hays, who has played "bar-stool volleyball" before, said, "It's fun to play and hilarious to watch. Don't miss it!"

Names being taken for Movin' On Up Program

Parents who plan on enrolling their children in Movin' On Up Summer Program at Naval Air Weapons Station

China Lake Youth Center should call Debra Oliver, the center's manager, at 939-2909 as soon as possible.

Worthy Wage Day is April 9

Child care providers, and any one interested in quality child care are invited to attend "Worthy Wage Day" at the Seafarer Club on Thursday, April 9, at 7 p.m. in the Seafarer Club.

The Worthy Wage campaign is a five-year, grassroots effort to join child care providers together to reverse the child care staffing crisis and to let the public know that child care compensation is a problem that must be solved now.

Currently, the United States is in the midst of a severe child care staffing crisis, said Camie Keeter, head of the Naval Air Weapons Station China Lake Children's Centers. Every year, nearly half of all child care workers in the United States leave their jobs, mostly because of low pay.

"Over 70 percent of this predominately female work force earns an income below poverty level, and when adjusted for inflation, the average child care wage actually decreased more than 20 percent in the past decade," Keeter said. She explained the statistics came from the Child Care Employee Project, a program that is trying to find solutions to the child care staffing crisis.

At China Lake, the average salary

starts at \$6.18 an hour for those with a high school diploma, Keeter said. After completing Navy-required training, the salary is increased to \$7.84.

Keeter noted many local, state and national child care organizations have joined the Worthy Wage Coalition to promote the campaign. Members range from national organizations such as National Association for the Education of Young Children (NAEYC), the Children's Defense Fund, the National Head Start Association and National Association of Family Day Care, to local family day care associations, teachers' and directors' groups, and early childhood student committees. Keeter noted any group or individual is welcome to join.

"As a nation, we historically have placed less value on any type of work done for or with young children," said an article by the NAEYC. "Pediatricians earn less than other types of physicians. Kindergarten and elementary school teachers earn less than secondary school teachers.

"As a result, individuals who want to work with young children are often forced by economic necessity to look for higher paying jobs," the article reads.

MILITARY NEWS



VOTING IS A RIGHT—MSC Frederick Gilchrist puts up an information poster.

NAWS voting assistance officer, MSC Frederick Gilchrist, urges application for absentee ballots

Our right to elect the president (Commander in Chief, U.S. Armed Forces), plus national, state, and local leaders is a precious one. It didn't just happen. It was earned by courageous men and women willing to fight and die to establish and maintain the freedoms we enjoy. Your service in today's Navy is dedicated to defending the ideals which set our nation apart and make it a model of personal freedoms. Your right to vote, like all other rights, is forfeited unilaterally if not exercised.

So reads the beginning of an announcement to appear in the Naval Air Weapons Station China Lake Plan of the Day from MSC Frederick Gilchrist, who was recently appointed NAWS voting assistance officer.

The main purpose of the voting assistance officer is to make sailors aboard the Station aware of the availability of applications for absentee ballots and of

the presidential and state primaries in their home states.

"Many of them think the process is very involved," Gilchrist said, "when it's actually very simple. It takes five minutes to fill out a simple application form. Then they can just drop it in the mail; they don't even have to put a stamp on it."

Gilchrist has the applications available at the Main Side Galley and they are also available at Material Control in Hangar 3, the staff judge advocate's office in the Headquarters Building and from the Air Test and Evaluation Squadron Five (VX-5) administrative office.

Gilchrist is currently seeking volunteers to serve as departmental voting representatives in his effort to get out the vote. Those interested should contact him directly at 939-3830.

Photo account of Gulf Conflict available from NEX catalog

A new special publication, "The Shield and the Storm," a comprehensive photo account of the events surrounding the Gulf Conflict is being offered to authorized Navy Exchange customers. Capture the memories as seen through the eyes of military personnel both in the theater and on the home front. This collector's item is available only through the Military Service Exchange Mail Order Catalog which is available at the Naval Air Weapons Station Navy Exchange.

The journal is available in two editions. The "Specific Service" edition contains 300 pages and can be ordered for each specific branch of service (Navy, Marines, Army, Air Force, Coast Guard and National Guard) for \$37.95 each. The Master Edition combines the unique sections from all six service editions into a 500-page book for \$59.95. Postage and handling cost is \$4.95.

The photo journals are personalized with your name, rank and unit engraved in gold and will be produced for a limited time only.

An order form may be obtained from the Exchange Mail Order Catalog office by calling 1-800-527-2345.

RAdm. Newman 'takes' a blue ribbon in local mountain bike time trial competition

After attending and speaking at the Bluejacket Awards Dinner March 28, RAdm. William E. Newman, commander, Naval Air Warfare Center Weapons Division, spent the night here and got up Sunday to take a bike ride—a seven-mile time trial through the desert.



SUNDAY RIDE—RAdm. William E. Newman enjoys the desert up close.

An avid bike rider, RAdm. Newman was persuaded by Mike Biddlingmeir of the Protocol Office to participate in High Sierra Cyclists' monthly cross country mountain bike time trial. Biddlingmeir lent the admiral his bike.

The day saw the men's and women's course records broken by regular members of the local organization. Bernard Unhassobiscay did the seven miles in 25

minutes, 46 seconds and Shaleen Tooker turned in a time of 38:12.

Newman took the blue ribbon in a hastily created Navy Admiral's category with the top time of 39:06. Club president, Kem Park, said that wasn't a bad time at all for a first-time mountain bike time trial in desert terrain.

Biddlingmeir and the admiral's aide, Lt. Doug Robbins, borrowed Park's tan-

dem mountain bike and clocked a 38:04.

The big event of the year for High Sierra Cyclists is the Ridgecrest Desert Classic, which features cross country races for three skill levels ranging from 10 to 30 miles in length. The event, which will be held Oct. 25 this year, is expected to bring 250 to 300 racers into the Indian Wells Valley. In past years the event has raised nearly \$10,000 for local charities.

Photos by Jerry Huntley



ADMIRAL'S RIBBON—High Sierra Cyclist Club President Kem Park and RAdm. Newman share a laugh after Park presented the commander with the blue ribbon in the Navy Admirals category.

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Photo by PH2 Stephen Auch



REOPENING—Air Test and Evaluation Squadron Five (VX-5) Commanding Officer, Capt. Garth A. Van Sickle (left) joins First Lieutenant Supervisor, SM2 Greg Shattuck, AN Karl Nielsen and First Lieutenant Division Officer, AVCM Taras Datz, in ribbon cutting ceremony for the reopening of the squadron's ready room. The First Lieutenant Division recently completed renovation of the room under the self-help program.

DeCA urges reuse of shopping bags

Under a new policy recently approved by the Defense Commissary Agency (DeCA), shoppers are being encouraged to bring their own bags when shopping at the Naval Air Weapons Station China Lake Commissary. Shoppers may bring paper, plastic or cloth bags to the store and give them to the bagger when they get to the register.

"We know many customers prefer to use their own bags, and this reuse policy will help tremendously in reducing the number of new bags required in the

store," said Lt. Col. James Howell, chief of DeCA's Food Safety and Quality Assurance Office.

After success at individual stores, the policy has been implemented throughout the agency, Howell explained. Bags must be clean and strong enough to hold the products or they will be returned to the customer, he continued.

DeCA is also encouraging shoppers to recycle their unwanted grocery bags at local plastic and paper collection points.

'The Price of Liberty' is theme for this year's Freedom Foundation military essay contest

The theme for this year's Freedom Foundation military essay contest, "The Price of Liberty," gives individuals a chance to express their feelings about freedom.

The contest is open to all members on active duty or in the reserve components. Those in ROTC or Junior ROTC can also submit essays. Entries must be typed and double-spaced, between 100 and 500 words in length and postmarked by May 1, 1992.

Entries must include name, rank, service, Social Security number, military address and permanent home address, plus the name, rank and address of the

commanding officer.

First-place winner receives a framed George Washington Honor Medal and a \$100 U.S. savings bond. Second-place winners receive a medal and a \$50 savings bond. There isn't a set number of second-place awards. Last year the foundation selected 76.

The Freedom Foundation received more than 550 entries on "Proud to Serve," for the 1991 essay contest. Many were submitted from the Persian Gulf.

Mail essays, with the required information to Awards Department, Freedom Foundation, Route 23, Valley Forge, PA 19481.

Yard of the Month competition starting soon

China Lake's housing office begins the "Yard of the Month" competition this month. One resident will be selected from the Capehart "B" area and one from the Hill area the last week of April for May recognition. Winners receive letters of appreciation, a gift of a shrub or certificate from MWR, and "Yard of the Month" sign displayed in their front

yard for a month. The housing staff looks for yards regularly mowed, trimmed presenting a well-cared for appearance. The Self-Help Store is fully stocked and ready to be of assistance to all residents in getting their yards in shape. Grass seed and fertilizer, replacement parts for sprinkler systems and garden tools are available.

Former astronaut to speak at ITEA meeting

On April 20, the China Lake Chapter of the International Test and Evaluation Association (ITEA) will have a dinner meeting at the Carriage Inn at 6:30 p.m.

The guest speaker will be Col. Guy Gardner, U.S. Air Force Test Pilot School commandant and former astro-

naut. His presentation will include a space shuttle film.

Reservations are required. ITEA members, spouses, friends, and others are invited. For reservations please call Bob Sizemore at 446-9263 or Tom Tompkins at 446-9471.

All Faith Chapel Services

Protestant

Sunday Worship Service, East Wing 8:00 a.m.
 Sunday Worship Service, Main Chapel 10:30 a.m.
 Sunday School, 1008-10 Blandly & 1903-05 Mitscher 9:00 a.m.
 Bible Study (East Wing), Wednesday (September thru June) 11:30 a.m.
 Men's Prayer Breakfast, East Wing, Thursday 6:30 a.m.
 Officers' Christian Fellowship/Christian Military Fellowships, East Wing, Thursday 7:00 p.m.

Jewish (375-0385 Messages)

Weekly Services (East Wing), Friday 7:30 p.m.
 Adult Hebrew Lessons (East Wing), Saturday (September thru June) 3:00-5:00 p.m.
 Religious Education (East Wing), Sunday (September thru June) 9:30 a.m.-12:30 p.m.

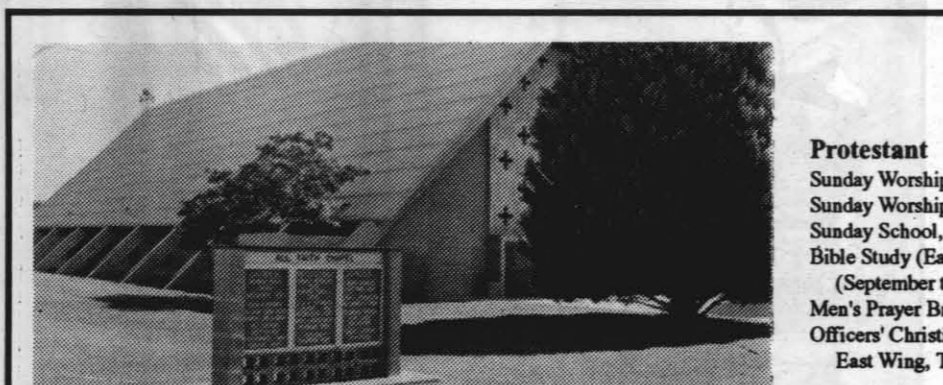
Roman Catholic

Sunday Mass, Main Chapel 9:00 a.m.
 Daily Mass, Small Chapel 11:35 a.m.
 Confessions, Weekdays By appointment
 Religious Education Classes, Sunday (September thru May) 1902 Dibb, 1002 Blandly, 1008-10 Blandly & 1903-05 Mitscher 10:15 a.m.
 Scripture Classes, Tuesdays (October-January) St. Ann's Parish Hall 7-8:30 p.m.

Islamic

Jumaa Prayer, Friday (1002 Blandly) 1:00 p.m.

Holy Week Schedule		
Catholic		
Sunday, April 12 "Palm Sunday"	9 a.m.	Blessing of Palms outside Chapel, procession with palms, Mass of Palm Sunday with Reading of Passion
Monday, April 13	5:30 p.m.	Communal Penance Service, St. Ann's Church
Tuesday, April 14	5 p.m.	Communal Penance Service, All Faith Chapel
Thursday, April 16 Holy Thursday	7:30 p.m.	Mass of the Institution of the Holy Eucharist, Washing of the Feet of the 12 Apostles, Procession with the Eucharist, Reposition and Adoration of the Blessed Sacrament in the Small Chapel
Friday, April 17 Good Friday	5 p.m.	Reading of the Passion, Sung Intercessions, Veneration of the Cross and Holy Communion
Saturday, April 18 Easter Vigil	8 p.m.	Blessing of Fire and Paschal Candle, Solemn Procession and Proclamation of "Exultet," Renewal of Baptismal vows and Solemn Liturgy of Easter
Sunday, April 19 Easter Sunday	9 a.m.	Mass in the All Faith Chapel
Protestant		
Thursday, April 16	6 p.m. 7 p.m.	Maundy Thursday Communion Service, Main Chapel Sacrificial Soup Supper, East Wing
Sunday, April 19	6 a.m. 8 a.m. 10:30 a.m.	Easter Sunrise Service, Officers' Club Hosanna Worship Service, East Wing Worship Service, Main Chapel



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PROVIDERS from Page 16

self-esteem and self-image when they are small, they can be successful at anything," she said. If you feel good about yourself, you can make it in the world. So many children loose that when they become teenagers and enter junior high school. They start feeling they are ugly, stupid, and so forth. They need that strong foundation to be able to overcome those negative feelings.

"Self-esteem is such a big deal now, and I'm glad. Even the grade schools have to provide positive reinforcement. That's new. I think it all stems from the early childhood development classes we are required

"If you start working on a child's self-esteem and self-image when they are small, they can be successful at anything."

—Kathy Stuart
 NAWA Child Care Provider

to take and grade school teachers are now required to take. You should make the child feel good about himself. Don't set them up to fail," she stressed.

Each stage in a child's development is very important, and the professionals offer the following advice to parents.

•Infants-18 months -- "Just give them as much time and love as you can," advised Farrell. "They need close contact with their parents. We give

them stability here, but it is really important they have it at home, too."

•18 months-2 years old -- "Look for the positive in the child and reward it," Stuart said. "Another thing is not to yell at your children. If you start getting down to their level when they are small and talk to them, it reinforces their self-esteem. I feel strongly about treating children the way you want to be treated.

There are times when you will want to yell at them, and that's when you need to take a time out. Cool off and then talk with them."

•3-4 year olds -- "That's the same advice

I would give," Darnell said. "However, I would also advise parents if the children are acting up, divert their attention. Lots of time, acting up is just a bid for attention."

•4-5 year olds -- Little advises parents to work with the child care provider. "We want to be able to tell the parents what their children have done during the day, but sometimes they are in too much of a hurry. I know it is

aggravating at times, but we must remember it is all for the child."

But the most important advise, said the professionals, is to listen to the children. If their attitude about going to a sitter or school suddenly changes, the children are probably trying to tell you something, they said. "It may be just a stage," Stuart said, "but it should be checked out."

If there is a problem, providers suggest parents drop in and observe how their children interact with staff and other children. "Sometimes parents see something we can't," Stuart said. "Maybe the kids are playing something the child is deathly afraid of. This isn't something we would know, but the parents might. Maybe it's something at home. If there is a problem, discuss it with us. We may be able to help."

As the world changes, parenting "rules" are also changing. Spare the rod and spoil the child is no longer universally applicable. Positive reinforcement is. Parents wanting to know how they can improve their parenting skills can ask China Lake's child care providers for a list of reading material appropriate to their children's ages. Providers also have a list of parenting support groups in the area. "We are here to help," Stuart concluded.

Seafarer Club schedules Comedy Night April 17

Comedians John Brizarre, David Wood and Elaine Allison will strut their stuff during Comedy Night at the Seafarer Club on Friday, April 17.

Cost for the show, which starts at 8 p.m., is \$7 per person, if purchased in advance at the club, and \$8 per person at the door.

Because of the adult humor, only people 18 years of age and older will be admitted to Comedy Night.



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MWR

Month of the Child

Trained child care providers help children grow emotionally

By Peggy Shoaf
Staff Writer

Raising children can be a difficult task, but parents utilizing child care programs at China Lake have extra help, said Camie Keeter, head of the Naval Air Weapons Station China Lake Children's Centers. "Members of my staff are trained professionals who want to work with parents in providing children a strong foundation to help them grow up into well-rounded, emotionally-secure adults," she explained.

In celebration of April, Month of the Child, and Child Abuse Prevention Month, China Lake Children's Centers employees talked about their jobs and

why they became child care providers. Mavis Darnell, Kathy Stuart, Peggy Little and Lisa Farrell are more than just babysitters. "A babysitter basically watches over children, entertains them and keeps them safe," said Darnell. "We do that, too, but we try to enrich the children in every phase of their lives. We help them develop physically, emotionally and mentally."

The key difference is training. China Lake care givers go through four hours of specialized training each month, plus complete a set of educational modules designed for the specific age groups they are responsible for and are trained in CPR and first aid. Many of them take additional child care classes at Cerro Coso.



CONCENTRATING as they work closely together, NAVWS child care provider Mavis Darnell and Sean Thomas Lundin enjoy the sunshine as they paint a picture with water colors and cotton rolls.

"A babysitter isn't required to have that type of training," Stuart said.

According to Little, they are also required to take child abuse prevention courses. And with two teachers per room, it's not likely child abuse can happen, she said.

Staff members urge parents to drop in at any time to check on their children. "Several come in just to rub their children's backs at nap time, to get that feel-

ing of closeness," Stuart said.

Love for children was the universal reason why all four chose to work in the child care field. Darnell said she really enjoys listening to what the children have to say, and Little enjoys the unconditional love they so freely bestow.

Stuart, in the teaching field for 11 years, wants to make a difference in their lives. "If you start working on a child's

Please see **PROVIDERS**, Page 17

Hibbs nominated for Guidry Award

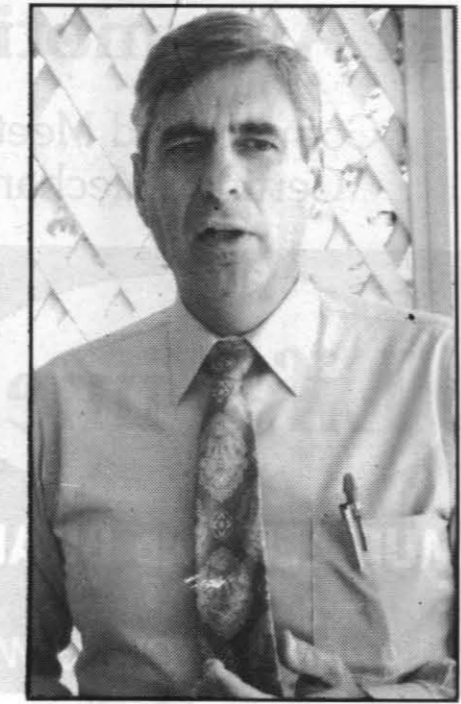
Joe Hibbs came home from the annual Federal Managers Association National Convention, held March 14 in Washington D.C., with the Gil Guidry Certificate of Merit. President of the China Lake chapter of FMA for the past five years, Hibbs received the certificate in Zone 10, which qualified him as a candidate for the Gil Guidry Award. A technical production manager in the Standard Missile Project Office, Hibbs was selected as outstanding chapter president by the zone president over counterparts in chapters in Southern California, Southern Nevada and Arizona.

Only one Gil Guidry nominee is allowed from each of 12 zones, and the top award is presented to only one chapter president. An impartial panel, evaluated candidates on chapter growth and meetings, community activities, issue advocacy, conferences and conventions, and chapter newsletter.

The award was won by Frank McClafferty from the Philadelphia Naval Shipyard. Hibbs noted, a past China Lake president, Dennis Rowel, won the 1982 Guidry. In receiving the certificate of merit award, Hibbs said, "The award reflects the hard work and dedicated members of Chapter 28."

Hibbs is a twenty-year veteran of China Lake and has been with the Standard Missile Project since 1981, working the first two years in the program office in Washington, D.C. as part of the Navy Scientist Training and Exchange Program.

Prior to becoming the local FMA chapter president, he served as vice president for four years.



Joe Hibbs

RAdm. Newman schedules speech at local NCMA chapter luncheon

Commander of the Naval Air Warfare Center Weapons Division, RAdm. W.E. Newman, is the featured speaker at the April 16 lunch meeting of the National Contract Management Association's local chapter.

The NAWC Weapons Division commander will address the opportunities and ramifications of the Navy consolidation that created the NAWC this year.

Pre-paid reservations are required for the lunch at the Carriage Inn. Cost is \$7.50 for NCMA members and \$8.50 for non-members. Lunch begins at 11:30 followed by RAdm. Newman's talk.

For reservations call Martha Slayton at 939-5821, Diane Foucher at 939-2087 or Barbara Marsh at 939-1140. Reservations must be made by close of business, Monday, April 13.

Logisticians hear Capt. Van Sickle talk about Desert Storm logistics

Captain Garth A. Van Sickle, commanding officer of Air Test and Evaluation Squadron Five, will talk about "Arabian Gulf Battlefield Logistics" at Wednesday's meeting of the Hi-Desert Chapter of Society of Logistics Engineers.

Set for The Hideaway at 11:30 a.m.,

the lunch meeting is open to the public. The buffet lunch is \$7.50 per person. Reservations, which can be made by calling Larry Peacock at 375-7448, must be made by Tuesday.

During Operation Desert Storm, Capt. Van Sickle was the Arabian Gulf Battle Force operations officer.

IEEE sets systems engineering discussion at April 15 lunch

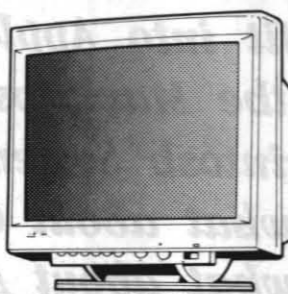
Bob Olson will speak on "The Role of Systems Engineering in the Current DOD System Acquisition Process" at the April 15 lunch of the Institute of

Electrical and Electronics Engineers (IEEE). The luncheon starts at 11:30 at the Seafarer Club, and everyone is welcome.

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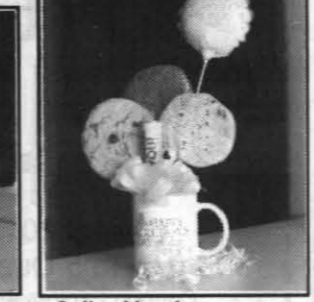
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NAWC Weapons Division seeking volunteers for long-term positions in the Washington, D.C. area; April 17 deadline for applications

Following are Off-Center assignments the Center plans to participate in for 1992. Starting dates for these assignments will vary from July to September 1992. Selections will be made by April in order to allow time to plan for employees' one-year absences from the Center.

Only DP-3s and DP-4s, with a minimum of three to five years' experience at China Lake for series 801, 830, 855, 861, 1310, 1515, 1520, and 1550 are eligible to apply.

All positions are located in the Washington, DC area.

Staff Assistant, Air Warfare (Tactical Warfare Programs) OUSD (Acquisition) (OUSD(A)): Performs a variety of duties as staff assistant in the Office of the Under Secretary of Defense (OUSD(A)) in order to gain a broader perspective of issues involved in research and development of tactical mission areas, related programs and planning and management of resources of the DOD.

Incumbent will have responsibility for studies and evaluations related to tactical warfare of high national importance and participate in management of a portion of the planning, programming and budgeting systems (PPBS).

Normal day-to-day duties include planning, evaluating and analysis in one or more of the tactical warfare R&E mission/system areas such as close air support, battlefield interdiction, deep strike, naval strike, defense suppression and air superiority. Will also include preparation or review of defense studies, mission/system area analysis, decision coordinating papers, the various documents in the DOD PPBS, and statements and testimony to the U.S. Congress. Will work with various members of the staff of the OUSD and maintain liaison with officials in the military departments, other components of the OUSD and various contractors. This position is open to DP-4 level only.

Please see **LONG-TERM**, Page 7

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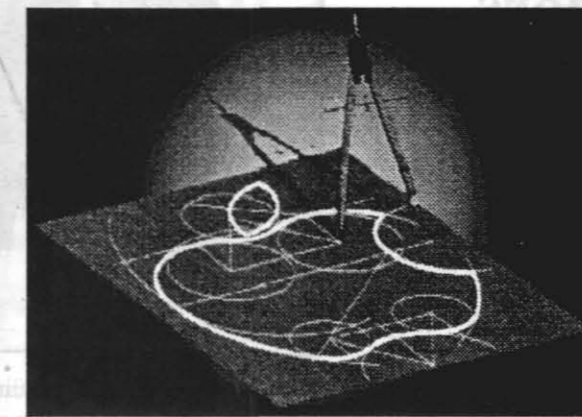
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Carriage Inn

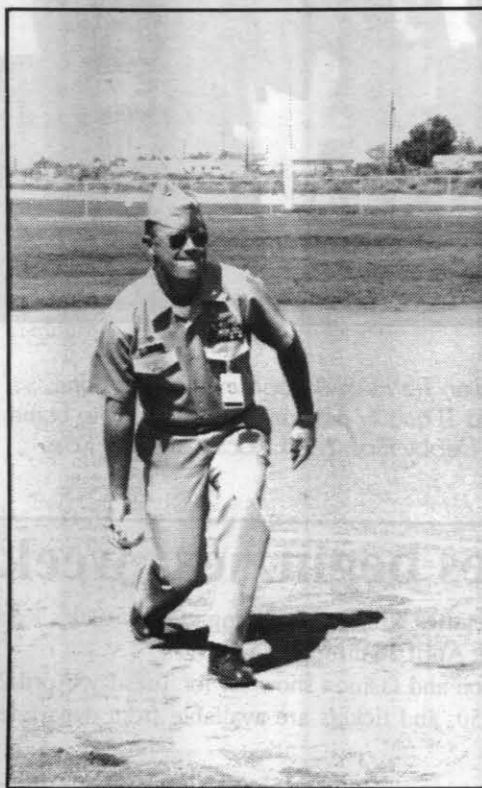
- 08:30-09:30 Apple's Blueprint For The Decade
- 09:30-10:15 Macintosh Ease Of Use, Tandem Database Power
- 10:30-11:30 Speech Recognition and Pen Based Computing Demos

Questions addressed

- ✓ How does the Apple/IBM alliance fit into Apple's overall strategy?
- ✓ On what hardware platforms will the Macintosh OS run?
- ✓ What does the future hold for Macintosh System 7?
- ✓ What is Apple's RISC strategy and what about CISC systems?
- ✓ What is Apple's Unix strategy and what about A/UX?
- ✓ Where does the Taligent joint venture fit into the strategy?
- ✓ What is the Kaleida joint venture all about?



SPORTS



BATTERS BEWARE—Capt. B.J. Craig is on the mound, throwing the first pitch during the Pony Youth Softball League's Opening Day Ceremonies.

Capt. Craig guest speaker at Opening Day Ceremonies

Supporting the Pony Youth Softball League, Capt. B.J. Craig, commanding officer, Naval Air Weapons Station China Lake, spoke to the crowds at Opening Day Ceremonies held last Saturday.

"I fully support and stand behind this program," the captain said. "It's great for the youth in this valley."

Capt. Craig then threw out the first pitch to representatives from the league's three divisions.

Marines challenge China Lakers to tackle MAD Dash competition

Marines from the Marine Aviation Detachment challenge all Marines and fellow China Lakers to conquer the detachment's fitness challenge set for Saturday, April 18. The "MAD Dash," a 10K run and a 5K walk, starts at 8 a.m. at the junction of McIntire and N. Dibbs Road.

A variety of prizes will be given away during a drawing following the race. All participants will be eligible for the draw-

ing and each will receive a "MAD Dash" t-shirt. The entry fee is \$12. Extra t-shirts will be available for only \$7 each.

Proceeds help support the local DARE Program and Marine Corps Ball.

To register, fill out the registration form printed below and mail it, and a check, made payable to Marine Corps Fund, to the Marine Aviation Detachment, Naval Air Weapons Station, China Lake, CA 93555.

"MAD DASH" Registration Form

Mail to: Marine Aviation Detachment, Naval Air Weapons Station, China Lake, CA 93555
Make checks payable to: Marine Corps Fund

Last Name _____, First Name _____, MI _____

Address _____ Age _____ M or F _____

"I certify that I have decided to participate in the "MAD DASH" Fitness Challenge, with full knowledge that being physically fit and sufficiently trained is necessary to prevent any injury to myself. In consideration of the acceptance of my entry, I, for myself, my heirs, devisees, executors, administrators and assigns, hereby waive, release and discharge any and all claims against the Marine Corps, Department of the Navy and all sponsors, employees, agents or representatives arising out of my participation in the "MAD DASH" Fitness Challenge."

Signature _____ Walk _____ Run _____

Parent or Legal Guardian _____ T-Shirt Size: S M L XL

LONG-TERM from Page 6

For more information, contact former incumbent Jim Irvine, Code 36602, ext. 3441 or present incumbent Steve Underwood (703) 697-5234.

Technology Analyst, Office of the Chief of Naval Operations (OP-911): Participant will be assigned a variety of duties planned to broaden perspective of Navy and DOD technology base management, strategies, defense policies, planning and the budgeting process. The participant will be involved in long range planning, the Balanced Technology Initiative Program and Advanced Technology Demonstrations. Participant will have direct interface with senior personnel in OSD (OUSD(R&AT)), other DOD agencies, OPNAV, all SYSCOMS, ONT and industry.

Participates in strategic planning through activities such as technology base guidance, war games, fleet exercise results, etc. In addition, assists in managing the execution of high pay-off/high risk R&D projects that support air, surface and subsurface platforms in priority warfare areas. Includes selection process for new fiscal year starts and support of Navy proposals in multiagency competition.

For more information, contact previous incumbent Don Gay, Code 3573, ext. 3341/3515.

Naval Technical Intelligence Center

(Office of the Chief of Naval Operations (OP-07/TSG)), Suitland, Maryland. Technical advisor/analyst. The Technical Support Group (TSG) is a team of Officers and engineers which provides support to the Deputy Chief of Naval Operations on a broad range of technical issues. Tasks may include systems analysis, threat data analysis, formulation, participation in policy and program briefings and liaison between the TSG and other DOD activities (development laboratories, intelligence agencies, tactical/operational communities, and contractors).

The successful candidate should be familiar with weapons systems research, development, acquisition and related technologies. A background in electronics engineering with emphasis on missile guidance, fuzing and related countermeasure/counter countermeasure technologies is highly desirable. Top Secret Clearance based on a current SSBI adjudicated to DCID 1/14 is required.

For more information, contact the current incumbent Robert Redditt on AV293-3409 or Sam Haun on extension 1564.

Apply for any of these positions by submitting a SF-171 to Code 22 (C9201) (Jacqui or Sandra, Room 202, Bldg 2335, 939-2434) by close of business on April 17

TVIS technology brings broadcast

New technology in the training and education field debuts at China Lake later this month when a live satellite broadcast from NTU, the National Technological University, "Multimedia: The Emerging Giant" will be used as a pilot test of the TVIS (Training Video Insertion Subsystem) to demonstrate system capabilities. The NTU course will be broadcast on four consecutive Tuesdays, beginning April 14 through May 5 from 8 a.m. to 2 p.m. each day. See ad in pull out "Announcements" section of the Rocketeer.

The TVIS is a four channel video broadcast system that allows employees to view training and informational programming in conference rooms close to their work site. The TVIS, located in the training center, is tied in to the fiber optics trunk system (FOTS), and other networking systems, which distribute the video signal to rooms with installed reception equipment. Currently there are 22 rooms capable of receiving the TVIS; 11 at the training center, others are at EWTES, Salt Wells/CLP, Michelson Lab/Mainsite and the airfield. For viewing sites at EWTES, contact Ken Beck 939-9249, at Salt Wells/CLP contact Brian Morgan 939-7558.

TVIS will also be used to broadcast the Public Affairs Office "CenterVision" on April 20, at Michelson Lab, 1000D, at 9 and 10 a.m., and 1, 2, and 3 p.m. For additional information about the TVIS contact Bill Bethke via QuickMail or 939-0881.

Public Affairs Office presents the latest CenterVision video April 20

On Earth Day, Monday, April 20, the Naval Air Weapons Station China Lake Public Affairs Office will present "Business and the Environment: Lean, Clean and Green." This a Tom Peters video that contends being environmentally conscious is a smart business move. Show times are 9, 10 amnd 11 a.m. and 1, 2 and 3 p.m. in Room 1000D of Michelson Lab.

SOLE seeks donations for Women's Shelter

Members of the Hi-Desert Chapter, Society of Logistics Engineers are sponsoring a month-long "Drive of Friendship" to assist the Women's Shelter. The chapter is soliciting food or cash donations during the month to provide an adequate supply of food for the Shelter. Food goods can be dropped off at the

SOLE Chapter House, 705 Ellis, Room 2048 of Michelson Laboratory, at the COMARCO ILS facility at CLPL Building 98018 and at the Fleet Engineering Building, 75 Parsons at China Lake.

For additional information on the SOLE food drive call Harv Oliver at 939-3441.

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PHONES from Page 1

Division. This will include updated telephone and location information for all China Lake employees, Guglielmo said.

While the old telephone system temporarily remains operational for on-Station calls only, Guglielmo urges everyone to use the new system. "This is a critical time for the new system," she said. "The contractor has to verify that the day-to-day operation of the CTS in the work environment is in accordance with the contract and that the system runs without failures for a minimum of 30 days, before we can accept it. This is called the System Acceptance phase. If people continue using their old phones, the new system can't be tested under 100 percent usage. When the old system is completely disconnected, this could cause major, unforeseen problems."

During System Acceptance, work will continue on

assigning features, such as call pick-up groups and group intercoms, adding voice mail users, assigning authorization codes, installing paging systems and changes not completed before the critical cutover date. When the system meets the contract requirements, it will transition into the Operations, Maintenance and Administration (OM&A) phase under the Telephone Service Branch, Code 2714.

Then users can start submitting Communications Service Requests for changes.

Employees who have any trouble with the equipment, features or services of the new system are urged to report the problem by calling 611 on a CTS telephone. If a CTS phone is not available, send an E-mail message to PHONEDIR on the VAX or a QuickMail message to Dorothy Jenkins at the Information Systems Group's Message Center.

Because of installation and operational guidelines, personnel should not move any telecommunication equipment without contacting Telephone Services (939-3451).

CTS Basic Keying Sequences

NAWS operator	0
Directory information	411
CASI repair and help desk	611
Emergency Services (on Station)	911
Access to paging trunks	86-XXXX
On-Station calls	939-XXXX or 927-XXXX
DSN/Autovon	88 + 7 digits
FTS2000	87 + 7 or 10 digits
Pocket pager access	89 + 7 digits
Local off-Station calls	89 + 7 digits
Long-distance calls (operator assisted)	89 + 0 + 7 or 10 digits
International calls (operator assisted)	89 + 01 + 10 or 14 digits
Toll-free calls	89 + 1 + 800 + 7 digits

FUZE from Page 1

"The type of team ownership we enjoyed," he added, "led to delivery of 30 qualification fuzes in six months and successful qualification by November 1991."

The first lot (128 fuzes) completed acceptance testing on December 30, 1991, and subsequent lot deliveries of 280 units have been occurring every five weeks.

"The challenge could not have been accomplished without the dedication of both the Texas Instruments and NAWCWPNs team members," Tyler continued. "TI team members provided manufacturing and producibility knowledge, and NAWCWPNs team members provided the corporate design and production knowledge of past fuze problems."

TI team leader, Don Bergeron, credited NAWCWPNs team members' for making it seem "as if Texas Instruments had been in the fuze business for 20 years."



DURING A CELEBRATION for qualifying Texas Instruments as an FMU-111B supplier, TI's HARM Program Manager John Boyle (left) and team members Terry Heaton, Jeff Downs, Don Bergeron, Fred Henley (a TI quality assurance specialist who came along for the celebration), George Stefan, Beck McKelvy, Doris Hedblom, Mike Tyler, Debby Rios, Mark Kocsis and Ted Kass posed with a HARM under the wing of Capt. B.J. Craig's F/A-18 Hornet.

Notify payroll of address change for TSP statements

In May, the Thrift Savings Plan (TSP) service office will mail semi-annual TSP participant statements to employees. If the TSP service office does not have the correct mailing address,

employees will not receive this important material.

Employees must notify the payroll office immediately if there has been a change in mailing address.

Secretary profiles begin next week

Profiles of selected China Lake secretaries will begin running in next week's Rocketeer in recognition of Secretaries Week, April 20 through 24.

Tickets are on sale now for a luncheon and fashion show set for Tuesday, April 21, from 11:30 a.m. to 1 p.m. Cost is \$6.50, and tickets are available from department secretaries.

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486 33MHz \$2,095

Complete system with 256K cache, separate I/O-bus clock, socket for Weitek 4167 coprocessor, true 33MHz 486 CPU & chipset, 1:1 120MB extra-high performance hard drive, 4MB RAM, one parallel & two serial ports, 1.2MB/360K and 1.44MB floppy drives, 1024x768x256-colors 1MB VGA monitor & card, Microsoft compatible mouse, enhanced keyboard, Windows 3.0, MS-DOS 5.0. No hassle 3-year parts & labor warranty on entire system. Full tower or super desktop case standard, pictured high-end tower add \$25. CD-ROM drive with CD-ROM application \$299.

25MHz 386SX \$899

Complete system with 2MB RAM, 1.2MB/360K & 1.44MB/720K floppy disk drives, parallel, game & two serial ports, true 25MHz CPU, battery-powered clock/calendar, enhanced keyboard, high resolution monochrome monitor, super baby tower case w/status & speed displays, 1:1 16-bit hard disk controller & 42MB high-perf. hard drive, MS-DOS 5.0. Upgrades: VGA \$189, Windows & mouse \$50. No hassle 3-year parts & labor warranty on entire system.

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CONGRATULATIONS JOANNE

Desert Counseling Clinic is pleased to announce that Joanne Rice has been awarded certification as a National Certified Addiction Counselor II by the National Association of Alcohol and Drug Counselors. We are proud to have her on our staff.

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Ideas Column

By Melanie Truesdale
IDEAS Office

Everyone likes to hear about Ideas being implemented. We've been so busy on the receiving end, there hasn't been enough time (or *Rocketeer* space) to list the Ideas that have been approved for implementation or are already implemented. This week we publicly applaud the submitters, maybe gather some unknown information and hopefully encourage you to submit your Ideas.

Code 224 agreed with Pamela Ross, Code 3134 to work on providing on-line access to the updated list of on-center and self-study courses. (Idea # 212)

Dava Maples in Code 3441 is implementing Larry Jenkins', Code 3293, Idea #218 of combining related forms into single files. An example is the travel order and travel voucher.

Code 24 agreed there was a need for lighting brought to their attention by Jeanette Roy, Code 243 in Idea # 219.

Code 34 is implementing Rick Kirchner's Idea # 230. Computers will be placed in the Washington apartment for use by Center travelers.

Ron Burling in Code 2413 suggested in Idea #231 the Police Department do away with the requirement of a written

monthly activity report. This was implemented in January.

Mia McKenzie, Code 22, recommended in Idea # 232 that retirement pass/cards be issued by Security instead of Human Resources. Code 24 agreed and implemented in February.

Betty DeBold's Idea #288 benefits us all. She suggested the Center establish a recycling program for cardboard boxes. Dennis Hatzenbuehler in Code 213 and "Tree" in Code 008 worked together and in February started a trial where used boxes can be turned into Warehouse 42 and are available at no cost to codes.

You can reach Bruce MacIntosh or Melanie Truesdale in the IDEAS office at X2311, E-Mail at SCF::IDEAS or QuickMail addressed to IDEAS Code_05.

New IDEAs last week:

No. 381, Cancel OH Funds for Newsletters, John Robbins, Code 327, suggested overhead funding for non-mission related newsletters be canceled.

No. 382, Disposing Classified Floppies, Dinah Beres, Code 3627 was looking for a way to degauss classified floppies. (Code 24 has requested money to purchase a bulk degausser for the Center that would handle this problem. Fred Worby, X2745 is the contact.)

No. 383, Telephone Book Layout, Dinah Beres, Code 3627 would like to see the phone number before code and organization.

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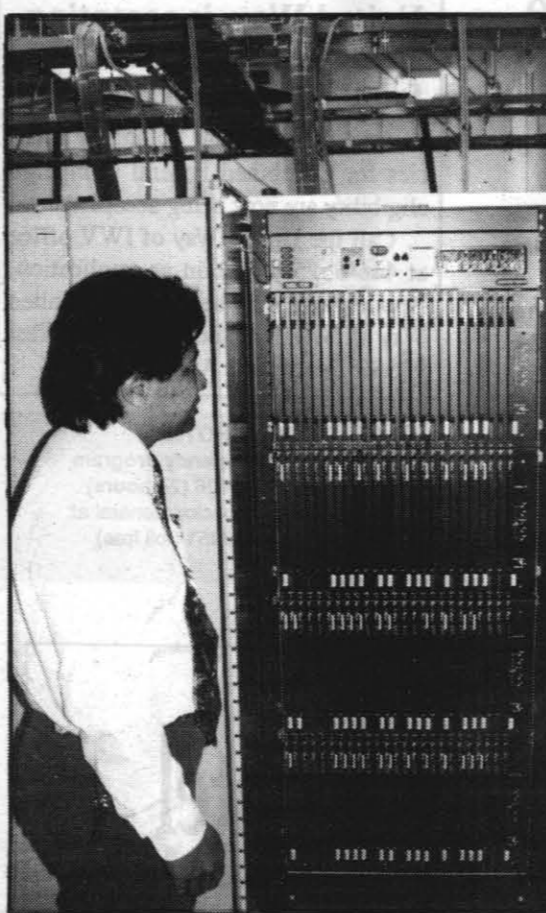
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Photos courtesy of Code 27



COMPARING THE NEW AGAINST THE OLD—Ruhl DeLaet, a CASI program engineer, looks at some of the new system's hardware, the Meridian SL-100 Switch. This switch replaces the outdated hardware such as the stepper switch, shown on the right. The new computerized system replaces technology that was developed more than 100 years ago.

EDITOR'S NOTE from Page 2

"It's nice to know someone is willing to stick their neck out," said one nameless *Rocketeer* contributor of a wellness persuasion when she called to say how much she liked the paper. Well, it may be nice to know, but it's no fun holding your breath all morning as you wait for The Call.

Besides upper management, we were not sure how the two principal players in the lead story would react. St. Amand knew we were going to do something; he didn't know what. Austin was taken completely by surprise. Both found the cover very amusing, which in St. Amand's case is commendable, since he was fined \$30 for it at Rotary last week. With the 30-cent settlement, this puts him \$29.70 in the hole.

Most people who called were laughing and very pleased with what we'd done, but at least two callers were miffed that they couldn't actually read the stories continued on non-existent pages. All I can figure is either they have never seen a supermarket tabloid and bought the bit, knowing this bastion of fact in the Indian Wells Valley would never print an untruth, or they are avid tabloid readers who were happy to see we'd finally printed something worth their while, only to find the paper had been misprinted, omitting the key pages. Then there were those who read the tabloids for the humor and were amused by the front-page gag but disappointed we didn't follow through with the detailed absurdity.

What good is a supermarket tabloid without a "miracle baby" or Loch Ness Monster? Since we didn't have the latter and my own miracle baby was available at home, I took her photo in front of Michelson Lab to give our tabloid some local authenticity. I'm still wondering about the person who, with a straight face, asked my wife, "When were you on a submarine?"

We're glad last week's issue caught people off guard and generally had the desired effect. Our position is that one of our functions is to contribute to employee morale. We think giving employees something to laugh about helps to fulfill that function. My only regret is that I can't do a tabloid every week...it's much more fun (and easier) to make up the news than to report it.

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Special: Upgrade your Zenith 248 including a new EGA- & VGA video card & serial & parallel ports to a 25MHz 386: only **\$499** plus RAM, incl. free labor. Same \$\$ to upgrade in present case.

Bankcard
It's been said that you can't buy upgrades via bankcards. We asked the source: You can't turn in an old computer for a new one but you can buy parts upgrades such as this ad's case, power supply, motherboard.

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Chico offers summer computer classes at China Lake

California State University, Chico (CSUC), will offer the following courses this summer in its computer science program (bachelor's and master's degrees) at China Lake. Each is a core course in CSUC's bachelor's program and a required course for the master's program.

To enroll or for information on texts, call Denise at 939-2648. Registration at the first class meeting. Deadline for enrolling is 10 calendar days before starting date. Enrollments on a first-come, first-served basis.

• CSCI 171: Computer Architecture (3 units); May 4-July 22; Mondays and Wednesdays, 11:30 a.m.-12:45 p.m.;

Training Center (video tape); by Professor Britton, CSUC, (916) 898-4487

Lab: Tuesdays, 1700-1800; Training Center; by H. McCauley, 939-2274.

Prerequisite: Proficiency in Assembly Language Programming.

Scope: This course discusses the organization, logical design and components of digital computer systems to provide a thorough foundation in hardware concepts and integrate this understanding with the concepts presented in data structures and operating systems.

• CSCI 172: Systems Architecture (3 units); June 30-Aug. 26; 11:30 a.m.-12:45 p.m., Tuesdays and Thursdays,

June 30 to Aug. 20, and Mondays, Wednesdays, and Fridays, July 27 to Aug. 26; Training Center (video); by Prof. Murphy, CSUC, (916) 898-4037.

Prerequisite: CSCI 171: Computer Architecture and CSCI 151: Algorithms and Data Structures or equivalent or consent of instructor. Bachelor's degree students must have passed writing effectiveness screening test or equivalent.

Scope: Definition of problems relating to interfacing processors and peripherals in computer systems, including discussion of channel and bus structures, bandwidth computations, performance evaluation and feasibility studies.

United Way is accepting agency applications now for 1992 CFC drive

Applications from voluntary agencies for Combined Federal Campaign eligibility are now being accepted.

Call the United Way of IWV office at 446-6525 to obtain an application. Applications may be mailed to United Way of IWV, P. O. Box 850, Ridgecrest 93556. Deadline is April 30.

NAVY HOTLINE
Integrity, efficiency program
Call: 939-3636 (24 hours)
or call the Inspector General at:
(800) 522-3451 (toll free)

'Ahntech provides service' - Smith

Ahntech Inc. is currently doing work for the Naval Air Weapons Center Weapons Division at China Lake as the follow-on contractor for the electro-mechanical fabrication contract.

According to Jim Smith, contract officer's technical representative (Code 3681C), the new contract has been broadened in scope and now meets a much wider variety of electro-mechanical fabrication needs. The contract statement of work, which is available from Smith at 939-1782, covers design, fabrication and repair of equipment, ranging from missile and aircraft subsystems and range measuring and tracking devices to wire wrap and more.

"Ahntech has been working with the Navy for eight years with very good results," says Smith.

BLM closes public land near IWV to protect tortoises

In an effort to protect valuable desert tortoise research, the BLM has ordered the public lands contained in all or part of the 16 sections of land along the eastern edge of the El Paso Mountains in Kern County closed immediately to unauthorized entry including all vehicles, camping, and hiking.

JP&Coop Corner

By Jim Alley

Take a hike to the Coso Geothermal Plant on Saturday, May 2. Call Mike "Psycho" Hastings at 939-2700 or Jim Alley at 939-3465 to be placed on the list. Hurry! Space is limited.

Double chocolate, amaretto, cherry...These are just a few of the tasty entries in the cheesecake baking contest/ party set for April 25 at 7:00 pm at Anita DeGroot's house. For information or directions call DeGroot at 939-6048.

Once again, thanks Tim and Anita DeGroot for the use of your house for the cabbage boil. Though the neighbors did complain, the smell did lift by early the next morning. Last call for volleyball! If still interested in joining a B-league team, call Dawn Marek at 939-3375.

Speechcraft, a class taught by Toastmasters on the art of speech-making and presentation, is slated to begin in early May. The size of the group is limited. Contact Jim Alley at 939-3465 to sign up. To place a news item in JP/Co-op Corner, call Alley or Lois Reed at 939-3465 or 927-3116.

VIRUS SAFETY

VIRUS CONCERNS?

MicroLink has several commercial virus programs in stock. Or if you're a little short on funds, simply bring down a floppy disk and we'll give you a free shareware virus protection program. It's our way of saying thanks.

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PERSONNEL NEWS

PROMOTIONAL OPPORTUNITIES

Applications for positions listed below are being accepted from Department of Navy Employees currently sited at NAWCS, China Lake and from eligible employees of attached activities who are permanently assigned to the China Lake site. This group includes employees with career or conditional appointments, employees with permanent Veterans Readjustment Act (VRA) appointments, temporary employees with reinstatement eligibility, and handicapped employees with Sch. (A) continuing appointments. Also included are spouses, with competitive status, of civilian sponsors hired by a DOD activity within China Lake's commuting area. Applications from other groups will be accepted when specified in advertisements listed herein. Vacancies are subject to restrictions imposed by the DOD Priority Placement Program. Applicants must meet all legal and regulatory requirements, including minimum qualifications, by the closing date of the advertisement. Evaluation of applicants qualifications will involve using at least two assessment measures. Assessment measures are work experience, annual performance assessment rating and narrative, education, training, and awards.

Eligible spouses of military sponsors, with competitive employment status or eligibility under E.O. 12362, must register in the DOD Priority Placement Program to be eligible for spousal preference. Those enrolled in this program will automatically receive consideration for employment on vacancies for which they qualified. For initial employment information, career counseling and enrollment, call 939-3317 for an appointment.

HOW TO APPLY: Submit the following: a current application, SF-171 or other Human Resources Department pre-approved form, a copy of your most recent annual performance assessment narrative (note: a copy of your performance plan should be attached if the annual performance narrative does not clearly state the tasks/duties performed); and a completed Background Survey Questionnaire. A supplemental narrative which relates your qualifications to each knowledge, skill, or ability (KSAs) as cited in the advertisement is highly recommended and may be required if stated in the vacancy announcement. Write the title, series, level (grade), and announcement number on all application materials. Not submitting the annual performance narrative may adversely affect your evaluation score. Prior to submitting your application, complete Cover Sheet Form 12235/2, available at the reception desk. Make sure your address, phone number, etc., are current, correct and that all forms are complete and accurate. If any of this information is missing, your qualifications may not be fully and completely rated. Additional information cannot be submitted after the closing date of the announcement. A current date and signature on the last page completes the application. Civilian Spousal Program Eligibles with competitive status must submit a copy of their sponsor's PCS orders with each application in order to be considered for Merit Promotion vacancies which do not state that status eligibles may apply.

Application materials are accepted, and blank forms are available, at the Reception Desk, Room 100, Human Resources Department, 505 Blandy. Announcements close at 4:30 p.m. on Thursday, one week after the opening date of the announcement, unless otherwise specified. Applications received after 4:30 p.m. on the closing date will not be considered. Copies of Applications may be submitted since applications are kept in an announcing office until the closing date of the announcement. Applications received after the closing date of the announcement will be returned to the applicant. Selections are made without discrimination for any non-merit reason.

NOTICE REGARDING DRUG TESTING DESIGNATED POSITIONS

Any applicant tentatively selected for one of these positions will be required to submit to urinalysis to detect illegal use of drugs prior to a final selection. Final selection is contingent upon receipt of the negative drug test result, and thereafter the selected will be subject to drug testing under certain circumstances such as reasonable suspicion and after an accident. All individuals will have the opportunity to submit medical documentation that may support the legitimate use of a specific drug to a Medical Review Officer. An applicant's test results will be provided to the selecting official and serving official. A final selection is made. A verified positive result will result in the applicant's removal from the Department of the Navy employee will also be provided to the employing activity/command. (NAWPCENIN212792.2, 14 Dec 90).

MERIT PROMOTION

No. 006-JM-92, (1) Supervisory Contract Specialist, GS/GM-1102-1213/14 or DP-3, Code 63PO, PD #F763P03001, NAWC-WPNS Procurement Department, Procurement Division, Duty Station is Point Mugu. Selecting Official is CDR C. Knight, AV 437-3801, HRD Contact is Jan Meadows at Point Mugu, AV 351-3261. Area of Consideration: Current appointable employees at NAWC-WPNS. Summary of Duties: This position is the supervisor of a Procurement Division. The purpose of this position is the overall management of acquisitions assigned to the Division which supports one or more NAWC-WPNS Technical Directorates or tenant activities. Quality Ranking Factor: Knowledge of contracting principles and procurement procedures as they apply to Navy RDT&E programs. Notes: 1. This position will be filled at the GS-12 or GM-13 or DP-3 grade levels. Selections will be made in accordance with ALNAV msg 012/92, Subj: Civilian High Grade Positions. 2. It is the applicant's responsibility to submit a copy of his/her latest performance appraisal of record with any application filed against a vacancy announcement. 3. Under the Civil Service Reform Act of 1978, first time supervisors and managers are required to serve a probationary period. Probationary periods in the Department of the Navy are 12 months. Those who do not satisfactorily complete the probationary period will be returned to positions of no lower grade and pay than their former position. 4. This position is subject to the Performance Management and Recognition System at the GM-13 level. 5. Permanent Change of Duty Station (PCS) is authorized. 6. Readvertised to specify Demonstration Project equivalent. Previous applicants need not reapply. This vacancy announcement opens 04-10-92 and closes 04-24-92. Submit application material to Reception Desk, Room 100, Human Resources Department, 505 Blandy.

No. 007-JM-92, (4) Contract Specialist, GS/GM-1102-1213 or DP-3, Code 63PO, PD #F763P04001, NAWC-WPNS Procurement Department, Procurement Division, Duty Station is Pt. Mugu. Selecting official is CDR C. Knight, AV 437-3801, HRD Contact is Jan Meadows at Point Mugu, AV 351-3261. Area of Consideration: Current appointable employees at NAWC-WPNS. Summary of Duties: This position is established as a technical team leader in a division of the Procurement Department. The position is responsible for the technical management of acquisitions supporting either technical directorates or tenant activities. Quality Ranking Factor: Knowledge of the principles of acquisition planning. Notes: 1. This position will be filled at the GS-12 or GM-13 or DP-3 grade levels. Selections will be made in accordance with ALNAV msg 012/92, Subj: Civilian High Grade Positions. 2. It is the applicant's responsibility to submit a copy of his/her latest performance appraisal of record with any application filed against a vacancy announcement. 3. This position is subject to the Performance Management and Recognition System at the GM-13. 4. Permanent Change of Duty Station (PCS) is authorized. 5. Readvertised to specify Demonstration Project equivalent. Previous applicants need not reapply. This vacancy announcement opens 04-10-92 and closes 04-24-92. Submit application material to Reception Desk, Room 100, Human Resources Department, 505 Blandy.

No. 012-JM-92, (1) Supervisory Contract Specialist, GS/GM-1102-1213/14 or DP-3/4, Code 63PO, PD #F763P02001, NAWC-WPNS Procurement Department, Duty Station is Point Mugu. Selecting Official is CDR C. Knight, AV 437-3801, HRD Contact is Jan Meadows at Point Mugu, AV 351-3261. Area of Consideration: Current appointable employees at NAWC-WPNS. Summary of Duties: This position functions as the Deputy for Contract Operations. In addition to performing the full range of supervisory duties, the incumbent is

responsible for the successful technical operation of the Department. Duties include acting for the Associate Department Head, long range planning, manpower forecasting, and financial management as well as the planning and implementation of major programs. Quality Ranking Factor: Ability to manage contracting authority to ensure high compliance in procurement quality/regulations. Notes: 1. This position will be filled at the GS-12, GM-13 or GM-14 or DP-3 or DP-4 grade levels. Selections will be made in accordance with ALNAV msg 012/92, Subj: Civilian High Grade Positions. Applicants who applied for Case #005-JM-92 must resubmit SF-171 for consideration on this announcement. 2. It is the applicant's responsibility to submit a copy of his/her latest performance appraisal of record with any application filed against a vacancy announcement. 3. Under the Civil Service Reform Act of 1978, first time supervisors and managers are required to serve a probationary period. Probationary periods in the Department of the Navy are 12 months. Those who do not satisfactorily complete the probationary period will be returned to positions of no lower grade and pay than their former position. 4. This position is subject to the Performance Management and Recognition System at the GM-13 and GM-14 grade levels. 5. Permanent Change of Duty Station (PCS) is authorized. This vacancy announcement opens 04-10-92 and closes 04-24-92. Submit application material to Reception Desk, Room 100, Human Resources Department, 505 Blandy.

No. 62-009, Interdisciplinary (Physicist/Mathematician/Computer Scientist), DP-13101520/1550-23, Code 6252 - (Multiple Vacancies). This position is located in the Data Branch, Data Systems Division, Range Department. The section is involved in a major development of data reduction software under a UNIX and VMS operating system. The incumbent will work as a member of a skilled team of Computer Scientists and other professionals who are intimately familiar with the current data reduction system. The incumbent's primary responsibility will be in the area of design and implementation of graphics, image processing, and/or hardware interfacing on an HP-9000/730 super minicomputer and advanced image processing systems, and provide aid in system management on the same systems. This position is physically located in the new Instrumentation Lab of the Range Control Center complex. To apply send an updated SF-171 to Jerry Taylor, Code 6252, or call NAWCWPNS ext. 6724 for more information. This vacancy announcement opens 3 Apr 92 and closes 17 Apr 92. PCS is authorized.

No. 62-010, Electronics Technician, DT/DP-856-3, Code 62311 - This position is in the Electro-Optical Branch, Instrumentation Systems Division of the Range Department. The incumbent operates, maintains and provides design and development of highly specialized optical and electronic devices, with emphasis on laser equipment to gather test data for NAVAIRWARCEN-WPN DIV Ranges; performs work using specialized optical, video, film and tracking equipment and improves new methods and techniques for using such equipment. Assists in planning and conducting field test. Typical equipment used within the branch, but not restricted to, are: GTE LRMK-II 1.06 micrometer laser, associated test instruments, various tracking mounts, such as Cine Sextants, Cine Theodolites, Contraves KTM's, Askania (MCMs), M-45s, medium and high speed cameras, specialized shuttered video cameras, and other related equipment. Job Relevant Criteria: Knowledge of photo-optical, electro-optical and laser systems and their uses for gathering test data; knowledge and in-depth experience in photo-optical, electro-optical and laser equipment; knowledge of current field instrumentation technology, data links, laser tracking, range operations, modern weapons systems, and test and evaluation operations; ability to support a specific project/program and assist project engi-

neers in accomplishing their goals. The full performance level of this position is DP-3. This vacancy announcement opens 3 Apr 92 and closes 17 Apr 92. PCS is authorized.

No. 92-253, Supervisory Interdisciplinary, GS/GM-801/850/855/830-1213, Naval Ordnance Missile Test Station, White Sands Missile Range, NM — AREA OF CONSIDERATION: Current appointable employees within NAWC, Weapons Division. This position is located in the Space Rockets Division, Naval Ordnance Missile Test Station, White Sands Missile Range, NM. This position is Director of the Space Rockets Division. Responsible for overall management, direction, planning, conducting and concluding all Space Rocket programs and individual launches. Responsible for long range planning aspects of space rocket projects including technical liaison with the customer and the National Range. Applies systems engineering principles to technical alternatives and proposals; isolation and resolution of system failures, reliability and maintainability problem areas; and installation/implementation of system changes and upgrades. Provides written and oral project status and technical briefings and reports. Establishes and maintains data to track projects, actions, costs, schedules, and organization performance. Maintains contact with principal government agencies which include the Strategic Defense Initiative Organization (SDIO), National Aeronautics and Space Administration (NASA)/Wallops, Geophysics Lab, and Defense Nuclear Agency (DNA). Job Relevant Criteria: Ability to manage an organization; Knowledge and experience in digital, fiber optics, telemetry, radar, optics, video, electromechanical, hydraulic, high pressure gas, and other launcher, launch control, facility and equipment subsystems; Knowledge and experience of solid propellant rocket motors, igniters, and flight termination system ordnance (includes ARIES, Sergeant, Minuteman, Terrier, Black Brant, Nike, Taurus, and Orion); Knowledge and experience with liquid fueled rockets and multistage rockets and payloads; Knowledge and technical experience in launchers, launching systems, firing circuits and interlocks, range interfaces and test equipment; Knowledge of affirmative action principles including a willingness to implement EEO practices; Ability to communicate clearly and effectively with all levels both orally and in writing. PCS is authorized. Notes: 1. It is the applicant's responsibility to submit a copy of the latest performance appraisal of record with any application filed against a vacancy announcement. 2. A supplemental narrative which relates your qualifications to each knowledge, skill, or ability (KSAs) as cited in this advertisement is highly recommended. 3. Under the Civil Service Reform Act of 1978, first time supervisors and managers are required to serve a probationary period. Probationary periods in the Department of the Navy are 12 months. Those who do not satisfactorily complete the probationary period will be returned to positions of no lower grade and pay than their former position. 4. Applicants will be considered at the GM-13 level for reassignment only. If selection is made at the GS-12 level, promotion to GM-13 is dependent on satisfactory performance and lifting of the high grade freeze. OPENING DATE: 04/03/92 CLOSING DATE: 04/17/92 Civilian Personnel Office phone number is AV 258-3727 or 3406, COMM (505) 678-3727 or 3406. Applications for this position should be submitted to room 100, Human Resources Department, China Lake, POC at China Lake is Brenda Mooney, extension 2736.

No. 92-254, Engineering Technician, GS-802-11/12 (Two Vacancies), Naval Ordnance Missile Test Station, White Sands Missile Range, NM — AREA OF CONSIDERATION: Current appointable employees within NAWC, Weapons Division. This position is located in the Space Rockets Division, Naval Ordnance Missile Test Station, White Sands Missile Range, NM. Incumbent is responsible for project planning, preparation, execution and post test actions in accordance with the NAWC quality assurance process. Oversees a field-launch crew of civilian, military and contractor personnel and coordinates activities necessary to accomplish the buildup and launch of suborbital rockets. Accomplishes long range planning of rocket launch operations including accomplishing technical liaison with the customer and the National Range, identifying long lead time items, negotiating/preparing technical tasking document, preparing Plans of Action and Milestones, tracking status and progress of all projects, and performing all project coordination functions to ensure NAWC's readiness and support of the customer. Coordinates with the Senior Project Officer for the assignment and utilization of facilities, equipment and other resources to meet customer requirements. Acts as technical liaison between the customer and the range. Oversees the mating of all stages of the rocket and payload and the loadout of launch towers and rail launchers as appropriate. Serves as the NAWC test director for live rocket firings. Ensures strict adherence to ordnance handling safety precautions for hazardous operations. Job Relevant Criteria: Ability to oversee all field operations necessary to prepare, launch and recover multistage rockets; Knowledge of national range requirements and capabilities; Knowledge and experience in handling, testing and launching of solid propellant rocket motors, igniters, flight termination system ordnance and related ordnance materials; Ability to communicate clearly and effectively both orally and in writing. PCS is authorized. Notes: 1. It is the applicant's responsibility to submit a copy of the latest performance appraisal of record with any application filed against a vacancy announcement. 2. A supplemental narrative which relates your qualifications to each knowledge, skill, or ability (KSAs) as cited in this advertisement is highly recommended. 3. Promotion potential

to the GS-12 level is dependent on meeting OPM regulatory requirements and the supervisor's recommendation. OPENING DATE: 04/03/92 CLOSING DATE: 04/17/92 Civilian Personnel Office, White Sands phone number is AV 258-3727 or 3406, COMM (505) 678-3727 or 3406. Applications for this position should be submitted to room 100, Human Resources Department, China Lake, POC at China Lake is Brenda Mooney, extension 2736.

Secretarial opportunities

This column is used to announce secretary positions for which the duties and job relevant criteria are generally similar. Secretaries serve as the principal clerical and administrative support in the designated organization by coordinating and carrying out such activities. Secretaries perform numerous tasks which may be dissimilar. Positions at lower grades consist primarily of clerical and procedural duties and, as positions increase in grade, administrative functions become predominant. At the higher levels, secretaries apply a considerable knowledge of the organization, its objectives and lines of communication. Depending on grade level, typical secretary duties are implied by the job relevant criteria indicated below.

Applicants will be rated against four or more of the following job relevant criteria: (1) ability to perform receptionist and telephone duties; (2) ability to review, track, screen and distribute incoming mail; (3) ability to review outgoing correspondence; (4) ability to compose correspondence and/or prepare non-technical reports; (5) knowledge of filing systems and files management; (6) ability to meet the administrative needs of the office; (7) ability to train clerical personnel and organize workload of clerical staff processes; (8) ability to plan and coordinate travel arrangements; (9) ability to maintain and coordinate supervisor's calendar and to arrange conferences.

Unless otherwise indicated, applicants for branch secretary will be rated on elements 1/2/3/5/6, division secretary applicants will be rated on elements 1/2/4/7/9/9. Program Office secretary applicants will be rated on elements 1/2/3/4/5/8/9; and department secretary applications will be rated on elements 4/7/8/9. A SUPPLEMENTAL FORM IS REQUIRED AND MAY BE OBTAINED IN ROOM 100 OF THE PERSONNEL BUILDING.

No. 31-021, Secretary (Typing), DG-318-1/2, Code 3193 - The incumbent will provide secretarial and administrative support to the AV-8B Systems Engineering Branch. Knowledge and working skill on the Macintosh PC is desirable. Promotion potential to DG-2.

No. 31-026, Secretary (Typing), DG-318-1/2, Code 3135 - Incumbent will provide secretarial support to the Electronic Warfare Systems Development and Assessments Branch. In addition, this position requires someone willing to learn SPED, perform as Branch CCP, track weekly spending and eager to continually improve office processes. Knowledge and experience on the Macintosh II computer is highly desirable. The full performance level of this position is DG-2. Incumbent must currently possess or be able to obtain a TOP SECRET clearance with SBI. The person selected for this position will be subject to urinalysis testing for illicit drugs. See "NOTICE REGARDING DRUG TESTING DESIGNATED POSITION" in Promotional Opportunities" box above. Previous applicants need not reapply.

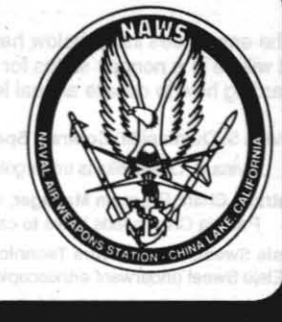
No. 39-010, Secretary (Typing), DG-318-2/3, Code 39B12 - This position is located in the Air Warfare Systems Office of the Intercept Weapons Department. The incumbent will provide secretarial support and serve as secretary to the Project Office. Knowledge and experience on the Macintosh computer is desirable, but not required. Incumbent must be able to obtain a Top Secret clearance with SBI. Any applicant tentatively selected for this position will be required to submit to urinalysis testing for illegal drugs prior to final selection. See "Notice Regarding Drug Testing Designated Positions" box above. Promotion potential to DG-3, but not guaranteed.

NAVAL HOSPITAL, LONG BEACH

ANNOUNCEMENT NO. RB-009-92, SOCIAL WORKER, GS-185-9/11, BRANCH MEDICAL CLINIC, NAWCS, CHINA LAKE, CA. - This position is located in the Branch Medical Clinic, Naval Air Weapons Station, China Lake, CA. The incumbent's responsibilities will be as follows: Assists in the development and implementation of the Family Advocacy Program of the Branch Medical Clinic, Naval Air Weapons Station in China Lake, CA; develops treatment plans and arranges for treatment services from military and civilian agencies utilizing skills in diagnosing social and psychological dysfunction among individuals and family units; provides crisis intervention counseling; provides individual, marital, family and group psychotherapy; provides Family Advocacy consultation. The incumbent must meet X118 qualification standards, including all of the requirements for the Master's degree in social work in a school accredited by the Council on Social Work Education. Job Relevant Criteria: Knowledge of principles and practices of social work; knowledge of family systems, theories, and counseling methodology; knowledge of Federal, State, and local laws; knowledge of medical and psychiatric terminology; and the ability to prepare psychosocial evaluations. To apply, applicants must complete and submit the following: SF-171 and list of college courses (OPM Form 1170/17) or college transcripts. Applicants claiming 10 points veterans preference must also submit SF-15. Mail applications to: Civilian Personnel Office (0010), Naval Hospital, 7500 East Carson Street, Long Beach, CA. 90822. Civil Service Status is not required. Relocation expenses will not be paid. A complete copy of this ad can be obtained in the Human Resources Department, Room 100.



Naval Air Warfare Center-Weapons Division Naval Air Weapons Station, China Lake Announcements



Submit items to: Code 3415(C9425); FAX 446-2619, Ralph Kulas (contractor); or E-Mail to TID:ANC.

MACINTOSH COMPUTERS NEEDED

Does anyone have any Mac computers and printers that aren't needed or being used? If so, please contact Dennis Hatzenbuehler, ext. 2997 or 3487. (Code 2131/C8210)

Library, or contact the reference desk, ext. 2313. (Code 3431)

TSP AND CHANGE OF ADDRESS

The Thrift Savings Plan (TSP) service office will mail semi-annual TSP participant statements to employees in May 1992. If the TSP service office does not have the correct mailing address, employees will not receive this important material. Employees must notify the payroll office immediately if there has been a change in mailing address.

TRACE AMPLIFIER PLUG-INS NEEDED

Code 3913 has a need for two Dual Trace Amplifier plug-ins Model No. 7A26. It's for a Tektronix Oscilloscope Model 7904. Contact Mark Erickson at AV-933-5151. (Code 3913)

DISSPLA SOFTWARE USERS

Currently Code 2741 has a one-year consolidated maintenance contract for "DISSPLA" software with Computer Associates.

A new follow-on contract beginning 1 October 1992 is being prepared. If you are not already covered by our current contract and are interested in being included on this contract, please call Martha, ext. 3395. (Code 2741)

HEWLETT PACKARD HARDWARE MAINTENANCE

Currently, Code 2741 has a consolidated hardware maintenance for the repair of Hewlett Packard ADP hardware which expires on 30 April 1993. Is there any interest in a follow-on to the current contract? If so, please contact Martha Faron, ext. 3395. (Code 2741)

MOVING AND STORAGE PROCEDURES

If you are going to be moving from one office space to another, and will require the services of the Johnson Controls moving crew, the following procedures should be followed:

Send a memo, one week in advance, to John Haywood in the BOSB Branch (Code 2623) and include the following information:

- Job Order Number
- Print of Contact Name, Location, and Phone Number
- A detailed list of items to be moved
- Location where items will be picked up and location to which items are to be delivered
- Approximate date you wish to have the move occur
- Any special requirements (i.e., air ride van required, large or bulky item, item of considerable weight or fragile item).

It is recommended that the memo be sent a minimum of one week prior to the date you wish the move to occur. This will allow ample time for the move to be scheduled and estimated.

If you need assistance in setting up your move, John Haywood can be reached at ext. 3411, x531. (Code 2623)

IEEE LUNCHEON

The Institute of Electrical and Electronics Engineers (IEEE) is having a luncheon on 15 April, at the Seafarer's Club at 1130. The speaker is Bob Olsen and his topic is "The Role of Systems Engineering in the Current DOD System Acquisition Process." Everyone is welcome, no reservations are required.

JANE'S SERIES BOOKS AVAILABLE

Would you like to have some of the Jane's series at your fingertips? Because the Technical Library received donations of Jane's that are already in the collection, the following copies are free to you, the customer: *Jane's Military Communications, 1979-80*, *Jane's All the World's Aircraft, 1975-76*, *Jane's Fighting Ships, 1969-70*, and *1976-77*.

Come and claim them at the Technical

Library, or contact the reference desk, ext. 2313. (Code 3431)

TSP AND CHANGE OF ADDRESS

The Thrift Savings Plan (TSP) service office will mail semi-annual TSP participant statements to employees in May 1992. If the TSP service office does not have the correct mailing address, employees will not receive this important material. Employees must notify the payroll office immediately if there has been a change in mailing address.

ACID AND FLAMMABLE STORAGE CABINET WANTED

If anyone has a spare flammable storage locker suitable for either outdoor or indoor storage of chemicals or an acid cabinet that they no longer need, please contact Pam Harris, Hazardous Materials Program Manager, at the Safety Office, ext. 2002. (Code 2405/C8402)

CHINA LAKE NAVY FLYING CLUB

On 14 April, at the Club Shack there will be a Safety Meeting beginning at 1900. LCDR 'Doc' Walker will be the guest speaker for the evening. He will be talking about "Self-Medication and Side Effects." For more information contact M. Hunter, ext. 1401 or A. Jain, ext. 6605. (Code 229)

TAC BRAWLER

TAC BRAWLER is described as a comprehensive computer simulation tool that provides a detailed representation of air-to-air combat involving multiple flights of aircraft in both visual and beyond-visual-range (BVR) arenas. In such engagements, cooperative tactics and human factors such as surprise, confusion, and limited situation awareness play a critical role in determining combat outcomes. TAC BRAWLER places special emphasis on carefully simulating these aspects of the engagement process. In addition, a high level on detail is achieved in the hardware models, including those of aircraft aerodynamics, missiles, fuses, expendables, radars, missile launch warning devices, radar warning receivers, IRST, IFF, and NCID. Electronic countermeasures versus radars, missiles, and communication are also handled. Hardware models are largely data driven and data bases describing most current generation of US and threat systems for air-to-air engagements are available. The modular nature of the TAC BRAWLER model facilitates the incorporation of new hardware models at various levels of fidelity.

Typical applications of TAC BRAWLER include hardware design tradeoff studies for airframes, avionics and weapons systems, and tactics development. The emphasis is on hardware effectiveness in a realistic environment.

The Survivability and Lethality Division is installing the TAC BRAWLER Air Combat Simulation developed by Decision-Science Applications, Inc., (DSA) at China Lake on the SURLE Service Center computer system. A three-day class is planned, to be taught by DSA, at China Lake, on the capabilities and use of TAC BRAWLER. Limited spaces are available in the class. Those interested in attending or in further information about TAC BRAWLER can contact Brad Glasco, ext. 3681. (Code 31804/C11804)

ADOPT-A-MAC PROGRAM

Has a bright new addition to your computer family crowded an older sibling into a corner? Don't let the older little one just sit there feeling underutilized. The Technical Library will give it a

loving home and ensure "Macsimum" fulfillment of every "byte" of its remaining potential. Any and all models, no matter how outdated they may seem to you—Plus, II, SE, etc., will find a warm welcome at the Tech Library hearth.

Chief of the Tech Library's Adopt-a-Mac agency is Customer Services Branch Head Barbara Manley, ext. 3389. She'll arrange tender loving care pick-up of your little one. (Code 3432)

CARRIER-21 OVERVIEW AVAILABLE

The Naval Studies Board of the National Research Council has released Volume I, an overview in a series, Carrier-21, Future Aircraft Carrier Technology. This study provides a survey of applicable technologies, an assessment of risks associated with the development of these various technologies, estimated magnitudes of the costs of developing these technologies for future aircraft carriers, and the likely impact of such technologies on aircraft carrier design.

This 129-page volume emphasizes the fact that Management attention is needed to ensure that R&D results are brought together into carrier systems in a planned and orderly way. The authors urge that appropriate attention be given to carrier-specific needs. The focus is on designing carrier systems to accept change, ensuring continual technology insertion at appropriate stages of carrier modification or new design, and paying specific attention to enhancing the connections among user, developer, and technologist.

Of special interest to NAWCWPNS scientists and engineers is the Secretary of the Navy statement that he "envision[ed] that the result of this effort will be a menu of technology options that will affect future aircraft carrier design."

This new addition to the Technical Library's reference collection is available at the Reference Desk, ext. 2313. (Code 3431)

AUTOCAD USERS

Code 2741 is in the processing of collecting information to determine if a consolidated software maintenance for NAWCWPNS C/L Autocad users would be feasible. If you would be interested in coverage under this contract, please contact Linda McCauley, ext. 3395. (Code 2741)

THE RIDGECREST TELEPHONE BOOK

A small quantity of The Ridgecrest Telephone Book is available at the Telephone Services Branch, Bldg. 00002. This is not the Contel Kern County East Directory but a local independent directory serving Ridgecrest, Trona, China Lake, and Inyokem. This book includes white pages, yellow pages, and a points of interest and entertainment section.

If you would like a copy of the book, please stop by or call the Telephone Services Branch, ext. 3451/6637. These books will be distributed on a first-come, first-served basis. (Code 2714/C9324)

SURFACE MOUNT TECHNOLOGY HANDS-ON TRAINING

The advantages of surface mounting electronic components to increase circuit performance and reduce the package volume and weight are driving many designs to this ever evolving technology. This course presents full coverage of the major aspects of surface mount technology and offers guidelines for design, assembly, inspection, and testing. The aim is to increase the manufacturing efficiency and the product reliability while reducing the production costs. To gain a real perspective in manufacturing requirements, the class members will assemble surface mount boards with components on both sides. This task

will include solder paste application, adhesive application, hand and machine component placement, vapor phase reflow soldering, infrared reflow soldering, hot air reflow soldering, and chip wave soldering.

Courses are scheduled to begin 13 April, 4 May and 15 June at the Electronics Production Technology Training Facility, 543 Gruff St. in Ridgecrest and are 40 hours in length. The courses are available to military and civilian employees of NAWC and NAWS and to contractor personnel. For more information or to be scheduled into the class, please contact the Electronics Production Technology Training Facility (Code 36812) at 446-5571. (Code 36812)

INFORMATION RESOURCES TASK GROUP MEETING

The second meeting of the Information Resources System Task Team (computer based document storage and retrieval) will be held on Wednesday, 22 April starting at 1300.

This meeting will be held in the Engineering Lab Conference Room (Rooms 2001 A&B) in Building 02466—located at the north end of Mich Lab.

Representatives are requested to present a short overview of (1) what computer based document storage and retrieval systems are currently used in their organizations; (2) what potential applications are available within their organizations for this technology; and (3) what type of computer/ADP equipment is used within their organizations.

Vernon Powell (Code 365) will present an overview on the CALS program and a charter/objectives for this task group will be discussed.

For additional information, please contact Bob Bloudek, ext. 3639.

All interested NAWCWPNS and NAWS personnel are invited. (Code 3404/C9404)

ANNUAL SECURITY REFRESHER TIME NEARING

Once again the time is arriving for all personnel who have access to classified information to receive their annual security awareness briefing. This year's annual refresher sessions will be held on 14 April (1000 and 1300 each day). The make-up session will be on 7 May (1000 and 1300). Center badges will be scanned in order for you to receive credit for the briefing. (Remember to bring your badge.) This year's agenda will include a security requirements update and a counterspionage briefing by the Naval Investigative Service.

It is mandatory for all personnel who have access to classified information to attend one of the one-hour briefings. For more information on the Annual Security Awareness Briefings, call Lyn Wilson, Security Education at ext. 2661. (Code 24301)

RETIREMENT CARROLL EVANS

Carroll Evans is retiring after 40 years of federal service (all at NWC). A no-host social hour and dinner will be held at Farris' Heritage Inn Restaurant, on Friday, 15 May, beginning at 1800. Chicken a la creme, pasta, vegetables, salad, rolls, coffee, tea, and dessert will be served at a cost of \$12.00, including tax and gratuity. (Special dietary requirements can also be accommodated.) To make reservations for the dinner, gift donations, or presentations, please contact Linda Roether, ext. 6045, not later than 8 May.

LEAVE DONORS NEEDED

The employees listed below have been approved as leave recipients under the Leave Transfer Program. These employees have exhausted annual and sick leave because of personal emergencies and will be in a nonpay status for at least 10 days. Employees who wish to help a leave recipient may donate annual leave to the employee. NAVWPNCEN NOTICE 12630 provides specific information regarding how to donate annual leave. Send your approved request to Code 221. For additional information, call ext. 2018.

- Alvina S. Quintanilla, Contract Specialist, Code 254
Alvina S. Quintanilla is undergoing daily radiation therapy for inoperable cancer of the naso-pharynx.
Patricia Chan, Program Manager, Code 3402
Patricia Chan needs leave to care for her husband who is terminally ill with cancer.
Elsie Sweet, Architecture Technician, Code 2691
Elsie Sweet underwent orthoscopic surgery on her knee.
Jan Langham, Contract Specialist, Code 258
Jan Langham is undergoing treatment for bronchitis and asthma.
Sherry Moore, Visual Information Specialist, Code 3424
Sherry Moore is indebted for leave following hospitalization for bronchitis and respiratory problems.
Richard L. Lackey, Electrician Work Leader, Code 2673
Richard L. Lackey is recovering from severe pneumonia.
Anne H. Yates, Technical Writer/Editor, Code 3415
Ann Yates underwent surgery and is in need of leave for a 6-week recovery period.

- Jesse Ray Lewis, Jr., Police Officer, Code 2413
Jesse Ray Lewis, Jr., has been off work for several months due to back surgery and complications resulting from the back surgery.
Carolyn A. King-DeLeon, Engineering Data Management Specialist, Code 36531
Carolyn A. King-DeLeon is in need of leave to care for her husband during his 12 weeks of intensive metabolic treatment to regain control of his diabetes.
Judy A. Eldredge, Code 2862
Judy A. Eldredge is in need of leave to care for her 6-year-old son who is undergoing continuous treatment for Acute Lymphatic Leukemia.
Carolyn M. Crump, Electronics Technician, Code 6442
Carolyn M. Crump underwent surgery and is indebted for leave.
Salleye S. Wakeland, Secretary, Code 35B3
Salleye S. Wakeland is suffering from anxiety attacks, migraines, and side effects from the medication prescribed for these conditions.
Linda Harinek, Purchasing Agent, Code 254
Linda Harinek underwent open-heart surgery and is unable to return to work until March 1992.



Unless otherwise noted, enroll in the following classes by submitting NAVWPNCEN 12410/73 (Rev. 12-88), Request for On-Center Training, via department channels to Code 224. (Code 224)

NEW EMPLOYEE ORIENTATION (4 hrs.)

5 May; Tuesday, 0800-1130; Training Center. By: NAWCWPNS/NAWS Staff.
Intended Audience: New employees.
Scope: Our program starts with a welcome aboard by Capt. Cook and a Center overview by Mr. Porter. Other topics included in the program are Standards of Conduct; Training Opportunities; Security; Employee Assistance Program; IDEAS; Continuous Improvement Program (TQM); and Fraud, Waste and Abuse.
Enrollment is accomplished via your Department offices. Each new employee will be contacted and approved by their Department offices.
NOTE: If as a new employee you have a question regarding attendance of the program, please call your Department offices.
Your Department office will contact you about attending the orientation. If you wish to attend, ask your Department to add you to their list.
Presentation Method: Seminar.
Deadline: 28 April.

SYSTEMS ENGINEERING (20 hrs.)

26-28 May; Tuesday-Wednesday, 0800-1600 and Thursday, 0800-1130; Training Center. By: Charles May and Bob Olson.
Required for enrollees in the TMC or SEC Programs.
Scope: This course will make project engineers and technical managers more aware of the systems engineering process and will stress the importance of managing programs from a systems standpoint.
The course is directed toward managers of programs and systems engineers, not at practitioners of engineering. A distinction will be made between classical systems engineering and the management of systems engineering; an approach for planning for and executing systems engineering in a dynamic environment will be described.
Deadline: 12 May.

FLIGHT TEST ENGINEER TRAINING (40 hrs.)

18-22 May; Monday-Friday, 0800-1600; Training Center. By: Docelator, Mottl, and McShea, Consultants.
Intended Audience: This course is designed for all Flight Test Engineers, from the data analyst to the program manager.

Scope: This 5-day course covers the evolution of a flight test program including: the need for flight test, program concerns, test assets required, types of instrumentation, data reduction and analysis. Types of time, space, and position information (TSP) sources and their relationship to flight test requirements will also be discussed. Differences in development and demonstration programs will be addressed as well as the relationship with internal and external customers. The latest advancement in data acquisition, correlation, merging and analysis will be studied with an inclination towards true performance vs. the predicted. Ample time will be allotted during each session to allow participants to have questions answered that are of concern to their individual projects.
Deadline: 4 May.

ADMINISTRATIVE POLICIES AND PROCEDURES FOR NEW SUPERVISORS (32 hrs.)

6, 7, 13, 14 May; Wednesdays-Thursdays, 0800-1600; Training Center. By: Center Staff.
Intended audience: New Supervisors during the 1st year probation period.
Scope: This mandatory 4-day course provides new supervisors with basic information about important NAWC/NAWS administrative policies and procedures.
Topics covered include: a summary of general guidelines (organizational structure of DOD and subordinate commands, safety, security, privacy act, ethics, workers compensation, plant account, Drug Free Workplace Program, and EEO including Prevention of Sexual Harassment), affirmative employment (merit promotion, reassignment, special interest programs, interviewing and selecting new employees, reading a 171, and obtaining performance information from previous supervisors), employee development, employee awards (and other aspects about the DEMO system), discipline (problem behavior, poor performance) and other topics of interest to supervisors.
Completing this course within the first 120 days of your supervisory probation period satisfies the mandatory training requirements for the probationary year for safety security, ethics, and prevention of sexual harassment.
Note: Enrollments are on a call-in basis only. First-to-call, first-to-be-placed. To enroll or if you have any questions, call ext. 2686.

Scope: This introductory program will clarify the vocabulary, give components of multimedia, list the organizations and companies involved in multimedia, show where it is being used, and lay out some of the issues in this new field.
WHO IS DOING WHAT? (2 hours)
Scope: See an actual multimedia application and learn how it was done. David Warren will discuss why his company decided to use multimedia, who he worked with, the costs, the time involved, and other subjects of interest.
MULTIMEDIA COMPATIBILITY & STANDARDS (2 hours)
Scope: Learn about the chief issues in multimedia compatibility and how these issues are being addressed globally. This session offers information needed to make critical multimedia product design or purchase decisions.
USING MULTIMEDIA AT WORK (21 April; Tuesday)
WHAT CAN YOU DO WITH WHAT YOU HAVE? (2 hours)
Scope: Aimed primarily at beginners interested in producing multimedia applications, this program will discuss how to convert classroom lectures and linear video instruction to interactive, self-paced learning. It will also cover how to use video compression techniques to get the most out of your self-instructional material.
WHAT CAN YOU DO AT YOUR DESKTOP WITH MULTIMEDIA? IMAGINE THE POSSIBILITIES (2 hours)
Scope: Learn how the newest multimedia systems work, what can be done with them, and how to begin using them. Multimedia offers educational/training capabilities with a more effective user interface than text and graphics. Multimedia also allows home enterprises to match the professionalism of larger corporations.
CHOOSING SOFTWARE AND DEVELOPING MULTIMEDIA TOOLS. (2 hours)
Scope: This program will show how to go about identifying software needs, especially in cross-platform or platform-independent applications.
DEVELOPING MULTIMEDIA SYSTEMS (28 April; Tuesday)
MULTIMEDIA MARKET SEGMENTS AND POTENTIAL (2 hours)
Scope: For over 10 years, the players in the multimedia have heard, "This year will be the turning point for our industry!" And, until recently, the skeptics outnumbered the believers—few people actually thought that the convergence of computers, animation, graphics, audio, motion video, text and still images would become an effective training and education medium. Richard Thackray will provide an overview of major multimedia markets, describe the types of platforms and applications prevalent in each market, and highlight current and expected market trends.
DESIGNING MULTIMEDIA (2 hours)
Scope: This program focuses on developing software in particular and hardware in general. Among the issues Marc Canter will address:
• What new products need to be developed?
• Which digital video standard will win?
• What are the biggest hurdles and problems a user faces when using multimedia?
• How will multiple platform multimedia products work together?
• Which platforms will win? Which platforms will be important to multimedia?
THE FUTURE OF MULTIMEDIA (5 May)
EMERGING COLLABORATIVE TECHNOLOGIES (2 hours)
Scope: During these days of exponential change, it is expected that 64MB memory chips will go into production in 1995 and be in the hands of the common man by the year 2000. By that time, it is also expected that the processor will perform 200 MIPS and cost about 50 cents. In the 1990s, it is becoming clear that the direction to go is toward collaboration, cooperation and communication. What else do the 1990s hold? This session will explore the future directions of multimedia and what it means to us in terms of designing collaborative work.
TELEPRESENCE: FROM REMOTE PRESENCE TO VIRTUAL ENVIRONMENTS (2 hours)
Scope: This program covers what is emerging in the new field of virtual reality, who is working in it, and how and why to get involved. Before co-founding Telepresence Research, Scott Fisher was director of the Virtual Environment Workstation Project (VIEW) at NASA Ames, which pioneered the development of virtual environment technology for use in space station teleoperation, telepresence and automation activities.
GLOBAL IMPLICATIONS OF MULTIMEDIA (2 hours)
Scope: This program covers what might be happening at a deeper level than many of us are grasping with at present. Peter Russell will discuss how multimedia is affecting our lives and where we are headed. Russell holds a first-class honors degree in theoretical physics and psychology from Cambridge University and a master's degree in computer science. He studied meditation and Eastern philosophy in India. Regarded as one of the most grounded and articulate "New Age" thinkers, he is author of The Global Brain (1983) and The Creative Manager (1987).

MULTIMEDIA: THE EMERGING GIANT

NOTE: THESE CLASSES WILL BE PRESENTED LIVE VIA SATELLITE IN THE TRAINING CENTER AND IN MICH LAB, ROOM 1000 "LITTLE D"

14 April-5 May; Tuesdays, 0800-1400. A FOUR DAY LIVE SATELLITE COURSE

Registration for this broadcast will be on a walk-in basis.

MULTIMEDIA OVERVIEW (14 April)

WHAT IS MULTIMEDIA? A PANEL DISCUSSION (2 hours)
0800-1000; By: Steven Solazzo, Sueann Ambron, Robert Stein, and Denise Caruso.

Scope: This introductory program will clarify the vocabulary, give components of multimedia, list the organizations and companies involved in multimedia, show where it is being used, and lay out some of the issues in this new field.

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MacAcademy On-Center Training

Carriage Inn (0730-1500) 4, 5, 6 May 1992

Ridgecrest, CA

Registration opens at 0715'

Class Schedule

Table with columns: TIME, ROOM 1, ROOM 2, ROOM 1, ROOM 2, ROOM 1, ROOM 2. Rows include 0730, 0930, 1130-1230 (LUNCH BREAK), 1300-1500.

Please Mark the classes above you plan to attend and return a copy of this form to CODE 224, Attn: Annette, 939-0870/2675. "I hereby approve this training as work related"

Form with fields for Student Name (Last, First), Code, Phone, SSN, and Supervisor/Dept Staff (Training).

MacAcademy Self Study Courses are also available at the Training Center

Presentation Method: VHS Video

(To sign up for a video, call Tammy, ext. 2451)

- SYSTEM 7.0 (2 hours)
In this video you will learn: what is System 7.0; fleshar; installing System 7.0; virtual memory; exploring the desktop; trash can; new messages; view; new menus; templates; apple menu; find true type fonts; inter-application communications; and compatibility issues.
UTILITIES: CDVLS & INITS (2 hours)
In this video you will learn: layout; CDEVs & INITS; virus protection SAM; ask; after dark; boomrang; EZ-menu; quick; window shades; sound master; the guard dog; windows; on-cue; software; heap fixer, and widgets.
MACINTOSH BASICS 7.0 (6 hours)
In this video you will learn: files; system; applications; utilities; loading hard disk; views; desktop; short cuts; alias; backing up; organizing desktop; managing memory; set memory; icons; desktop; point, click & drag; selecting; apple menu; windows menus; memory—RAM, disk, and virtual; folders; text; floppy disk; copying to disks; desktop; printing; system updates; apple HD SC set-up; updating utilities; modifying system; maps; fonts; postscript fonts; testing hard disk; optimizing HD; rebuilding desktop; labels; publish & subscribe; and file sharing.
ADOBE PHOTOSHOP (6 hours)
In this video you will learn: channels; color picker; create black alpha channel; threshold; copy/paste; text; stroke; transform images; scale; filters; distort filters; printing; image size; photoshop preferences; virtual memory; zoom tool pixel concept; cropping tool; marquee tools; lasso tool; magic wand tool; pixel memory; pen tool; RGB & CMYK modes; eye drop-per tool; rubber stamp tool; review; line tool eraser tool; background; air brush; text; blur & sharpen; paint bucket; scanning; brightness menu; image menu; black & white control; color control; level control; and color balance.
POWER OF PERSUASION (4 hours)
In this video you will learn: layering; transition features; formatting; outline slide; note pages; place holder; spell checker; find and change; altering placers; slide master; background master; bullets; replace auto template; new auto template; importing graphics; newsletter; program installation; creating presentation auto templates; slide outline; editing text; slide mode; slide sorter; place holders; background masters; graphics; slide show; charts; tables; draw tool; text with graphics; and printing output.
FILEMAKER PRO (4 hours)
In this video you will learn: summary intro; layout setup; defining parts; sorting summaries; grand summaries; sub-summaries; format summaries; calculations with summaries; import data to pro; export data from pro; defining buttons; sizebox tool; custom tab orders; preview sample data; labels/image writer; sliding objects; advanced scripting; labels/laserwriter; multiple data lookups; lookup widgets; mail merge; archiving old data; creating done files; importing records; deleting records; logic functions; multiple arguments; database/definition; creating new files; defining field types; records/data entry; searching records; replacing data; custom rulers/layouts; the toolbar; grouping fields; table alignment; previewing records; nudging features; the zoombox; formatting fields; basic calculations, and auto scripting.
CLARIS WORKS (8 hours)
In this video you will learn: creating objects; text tool; spreadsheet frame; graphical tools; grouping; reshaping; importing graphics; newsletter; multiple pages; linking text; integrating; graphs; archiving database; mail merge; communications; sending a file; database; defining fields; menus; page set-up; records; duplicating records; sorting; find; additional fields; new layout; importing graphics; zoom control; align objects; tab order; calculations; columnar report; environment; formatting; design; color; number format; formulas; charting; sorting; single criterion sort; protection; relative cell address; functions; logic functions; checks; macros; program; components; document window; text ruler; menus; on-line help; formatting; color; tabs; line spacing; spelling check; find/change; columns; footnotes; headers/footers; and printing.
The NAWCWPNS/NAWS Announcements, published by the Technical Information Department (Code 34/C94), disseminates work-related information to all Center personnel and is distributed to all personnel in the Rocketeer on Thursday. To ensure accuracy, all items must be submitted in writing, preferably double spaced, and must include a sponsor code and phone number. The collection deadline for submissions is 1500 Monday. The following pick-up points for material have been established for the convenience of contributors: Room 100, Training Building (Carol Corlett, Code 224), Room 1000, Mich Lab, Room 203, Administration Building (Linda Brantner, Code 28), and Room 121, TID Building. Items may be sent to Code 3415(C9425), or by FAX to 446-2619, Code 3415(C9425), ATTN: Ralph Kulas (contractor), or mailed electronically to TID:ANC via the VAX. Any questions regarding the Announcements may be directed to Russell Bushnell, Code 3415(C9425).

LIFESTYLE CONTROL OF CHOLESTEROL (8 hrs.)

7 May; Thursday, 0800-1600; Training Center. By: Dr. Wes Youngberg, Consultant.
Scope: This seminar addresses past, present and ongoing research, especially regarding the issue of reversibility of heart disease once it is established. Research design, methodology, and subject recruitment is discussed concerning the more "controversial" studies and focus is placed on the validity of conclusions relative to established physiologic mechanisms. My most interesting patient cases will be discussed with an emphasis on the ultimate therapeutic solutions. Each attendee will have opportunity to ask theoretical and therapeutic questions. Multiple handouts will provide a summary of seminar information. Lifestyle interventions will be contrasted from pharmacological and surgical intervention approaches to risk reduction for CAD.
Presentation Method: Lecture
Deadline: 23 April.

ENVIRONMENTAL ENGINEERING (8 hrs.)

19 May; Tuesday, 0800-1600; Training Center. By: Steve Tanner, Code 3665.
Required for enrollees in the TMC or SEC Programs.
Scope: This course will include what the technical manager (not the practitioner) should know about environmental engineering, what it is, why it's important, how it's integrated into the acquisition program, and what elements are required in such a program.
Deadline: 5 May.

TEST MANAGEMENT (16 hrs.)

5-6 May; Tuesday-Wednesday, 0800-1600; Training Center. By: Ron Cohn, Code 3576.
Required for enrollees in the TMC or SEC Programs.
Scope: You will develop an understanding of (1) the role T&E plays in each phase of the acquisition program; (2) test management; (3) T&E as a distinct engineering discipline; and (4) the interactions between T&E and other engineering disciplines.
This course is part of the TMC and SEC Programs and concentrates on the role T&E plays in the Navy system acquisition process, especially in RDT&E. Topics include a proven T&E planning, controlling, and reporting methodology suitable for use by a NAWS technical manager; T&E work breakdown; interaction between the acquisition program and the testing activities; products delivered by a test program; organizational structuring and interaction of the technical team; common problems encountered in a test program; and marketing a test program.
Deadline: 21 April.

QUALITY FUNCTION DEPLOYMENT (24 hrs.)

14-16 April; Tuesday-Thursday, 0800-1600; Training Center. By: Steve Tuszynski.
Intended audience: S&Es who work in any phase of product development.
What is Quality Function Deployment (QFD)? A formal, integrated set of planning, data recording, decision-making and communication tools designed to ensure that all organizational activities are performed in response to "The Voice of the Customer" (Customer Requirements) in a manner that prioritizes and optimizes the use of internal resources. QFD is used: during new product design, when changing an existing design, when customer requirements change, and when multiple customers have different objectives.
Workshop participants will learn how to apply QFD principles in: preventing the "Voice of the Customer" from getting "polluted"; maintaining continuity of requirements between R&D,

design development and manufacturing phases of the product life cycle; communicating the "Voice of the Customer" to all personnel; prioritizing the use of resources; obtaining an understanding of the strengths and weaknesses of competitive products and designing in response to those factors; and facilitating integrated product development (concurrent engineering).

Note: Enrollments are on a call-in basis only. First-to-call, first-to-be-placed. To enroll or if you have any questions, call ext. 2686.

SMALL PURCHASE ACQUISITION PROCESS (8 hrs.)

5 May; Tuesday, 0800-1600; Training Center. By: Linda Watkins, Code 259.
Scope: This is a "how to" workshop designed to familiarize Center personnel with the small purchase procurement process. Topics include preparation of 9-part stubs, purchase descriptions, commercial versus system orders, stub flow, lead times, GSA orders, and other information to assist and enlighten the "end user." This class will also include an overview of SPEDI.
Note: Enrollments are on a call-in basis only. First-to-call, first-to-be-placed. To enroll or if you have any questions, call ext. 2686.

NAVAL MESSAGE (4 hrs.)

5 May; Tuesday, 0800-1130; Training Center. By: Code 87.
This course covers the steps involved in drafting and typing the narrative Naval Message, including the response of the drafter and the releaser. Minimized procedures will also be covered.
Deadline: 20 April

INTRODUCTION TO MESSAGE TEXTS FORMATS (MTF) EDITOR VERSION 3.3 FOR IBM (8 hrs.)

5 or 12 May; Tuesday, 0800-1630; Training Center. By: RMC Hazel, Code 87.
MTF editor is a message preparation program designed for MS-DOS computers which assists message drafters and typists in preparing error free Naval Messages. This program has a user-built Plain Language Address(PLA) directory, prompts the typist for required information, provides error messages as required allowing operator to make corrections, spell checks messages, allows importing of other files or messages, draft printing for proofreading and internal routing/release, DD-173 printing and declassifies and prepares diskettes to send or receive messages with the NTCC. Knowledge of MS-DOS is helpful but not required. This will be a hands-on workshop. Knowledge of Naval Message preparation procedures (NTP-3) is mandatory. Enrollments will be accepted on a call-in basis. NOTE: Class dates are not interchangeable. To enroll select either 5 or 12 May and call ext. 3159.

CAREER EXPANSION WORKSHOP (18 hrs.)

19 May; Tuesday, 0800-1000; 23 June; Tuesday, 0800-1700; 24 June; Wednesday, 0800-1200; plus 4 additional hours TBA; at Cerro Coso. By: Jane Wasserman.
THESE DATES ARE FOR ONE CLASS. This course discusses career choice, career awareness, personal awareness, and educational awareness related to career choices. Planning skills, decision-making processes, and self-assessment to identify tentative career opportunities and possible career changes are also covered. Enrollments are on a call-in basis. Please make sure you get permission of your supervisor prior to call. To enroll call ext. 3159.