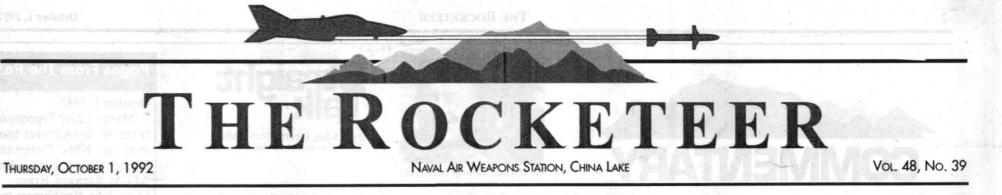
October 1, 1992





NAWS mourns the loss of China Lake's first commander Rear Admiral Sherman E. Burroughs, whose dream was realized at the Station, passes away at 89

By Barry McDonald

ne year short of the 50th Anniversary of the "Grand Experiment at Invokern" he helped establish, Rear Admiral Sherman E. Burroughs, first commander of the Naval Ordnance Test Station, Inyokern, died last Wednesday after a series of strokes at Villa Coronado Care Center in Coronado, Calif. In addition to his wife, Katherine, Burroughs is survived by a brother, Robert, of New Hampshire; two granddaughters; and five great-grandchildren. He was 89.

An Aug. 30, 1944, article in the NOTS News (precursor to The Rocketeer) reported that then Capt. Burroughs' experience as air group commander on the USS Saratoga during World War II led him to the realization that "courage was not enough. Weapons that reached the high degree of perfection were required in order to win.

"And herewith enters the vision, a dream, one might say," the story reads, "of a huge laboratory wherein men and arms would be perfected suitably for winning this war and for safe-guarding our national integrity in the future. This Test Station is the huge laboratory, the realization of Capt. Burroughs' dream."

Prior to coming to the Indian Wells Valley, from October 1942 to April 1943, Burroughs led 13 raids against Munda, Villa and Kahili. For these efforts he was awarded the Distinguished Flying Cross

Born Feb. 22, 1903, in Manchester,

N.H., Burroughs was a 1924 graduate of the U.S. Naval Academy and was designated a naval aviator in 1926. His first flying duty was with fighter squadrons aboardUSS Langley and Saratoga from 1927 to 1929. He served as senior aviator aboard USS Memphis from 1933 to 1935 and USS Arizona from 1938 to 1939, when he became commanding



VISIONARY-Then Capt. Sherman E. Burroughs and his wife, Katherine, enjoy a bit of levity at a gatheirng in October 1944.

officer of Observation Squadron ONR While not serving as an aviator, Burroughs spent time developing his skills as an ordnance specialist, working in the research and developmnet side of the Bureau of Ordnance.

After working to found NOTS at Inyokern and seeing it officially established Nov. 8, 1943, Capt. Burroughs became the new station's first commander Dec. 12. Primary air training and aircraft test firing of rockets began in January 1944. Rockets developed in the first months of the Grand Experiment included the 5-inch high velocity aircraft rocket Holy Moses and the 11.75-inch Tiny Tim.

Camp Burroughs 40 miles west of NOTS "on the road to Bakersfield," according to another news report, was established in 1945 as an exclusive "resort" for the enjoyment of NOTS enlisted personnel. Burroughs School opened in guonset huts with 335 elementary students and 170 high school students Sept. 10, 1945, after Capt. Burroughs left the Station in August.

In a parting message "to the men and women of Inyokern," Burroughs wrote, in the August 27, 1945, Rocketeer, "I Please see BURROUGHS, Page 4

CFC kickoff More than 225 keyworkers attend training session

By Peggy Shoaf

'n today's world, any definition of a successful life must include service to others, RAdm, William E. Newman told the more than 225 keyworkers attending the 1992 Indian Wells Valley Combined Federal Campaign kickoff.

Although the Naval Air Warfare Center Weapons Division Commander wanted to deliver his message in person, his schedule didn't permit it, noted Bob Huey, chairman of the campaign's Local Federal Coordinating Committee. But he did deliver his message via a video designed especially for the China Lake campaign.

"CFC is the largest employee charity drive in the world and offers us a chance to support agencies that

meet a wide variety of needs," RAdm. Newman said. "I am proud to support the Combined Federal Campaign and help lead the way in giving the gift of hope to those in need.

"Every time you open the paper or watch TV, you see the desperate plights of other human beings. . . . You see lives shattered, homes devastated by earthquakes and hurricanes. Even if we have not personally experienced these disasters, there are people in this valley with just as great of need. This year some of your friends, families or neighbors may require the assistance of a CFCsponsored program. In these troubled economic times government cutbacks have forced the reduction of funds available to many health and welfare organizations, and yet the demand for these services steadily grows.

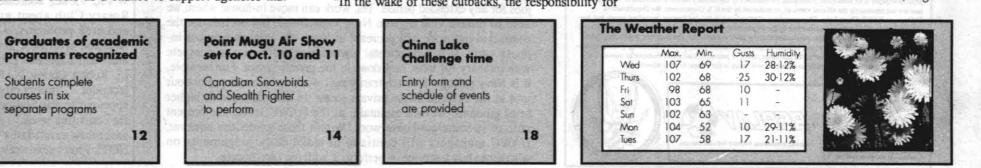
"In the wake of these cutbacks, the responsibility for

keeping these programs alive falls squarely on our shoulders. You might find it hard to believe that your donation will make a difference, but any contribution, no matter how small, does count. Last year, federal employees in this valley raised over \$290,000 dollars. Their contributions, and yours, made a positive impact on health and service organizations here and worldwide," the commander said.

While today, Oct. 1, marks the official start of the campaign, members of the LFCC kicked off the campaign by hosting a training session for the department, division and branch-level keyworkers.

Huey noted this year's session had the biggest attendance ever.

Please see CFC, Page 6





China Lake Calendar

Thursday, Oct. 1

•Hail and Farewell, 6 p.m., NAWS Community Swimming Pool Patio

Sunday-Saturday, Oct. 4-10 •Open house at Fire Station 1, 9 a.m. to 9 p.m.

Monday, Oct. 5

Training Video Information System debuts

Tuesday, Oct. 6

•SAME meeting, 1:30 p.m., Seafarer Club Friday, Oct. 9

•Flex Friday Bowling League begins, Hall Lanes Saturday-Sunday, Oct. 10-11

·Point Mugu Air Show

Tuesday, Oct. 13

•WACOM luncheon meeting, 11:30 a.m. Seafarer Club

Saturday, Oct. 17 Navy Birthday Ball, 6 p.m., Hangar Three, Naval Air Weapons Station China Lake

THE ROCKETEER

NAVAL AIR WARFARE CENTER WEAPONS DIVISION COMMANDER RAdm. William E. Newman VICE COMMANDER Capt. Douglas W. Cook DEPUTY COMMANDER FOR RESEARCH AND DEVELOPMENT William Porter DEPUTY COMMANDER FOR TEST AND EVALUATION Gerald Wrout NAVAL AIR WEAPONS STATION CHINA LAKE COMMANDING OFFICER Capt. B. J. Craig Jr.

Public Affairs Officer CATHY PARTUSCH Managing Editor STEVE BOSTER BARRY MCDONALD

Staff Writer PEGGY SHOAF Photographer TERRY PASCARELLA Staff KATHI RAMONT

 DARKT MCDONALD
 KATHI RAMONT

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By RAdm. George Strohsahl

(Editor's note: The following article is the fifth in a series of personal messages from RAdm. George Strohsahl, Commander, Naval Air Warfare Center, to the 25,000 employees of the NAWC. Subsequent "Straight Talk" articles will appear in future ssues of The Rocketeer.)

Straight

By RAdm. George Strohsahl

In previous articles I have written about the need to downsize the NAWC as the size of the Navy is reduced due to significantly reduced defense budgets. I presented our downsizing plan as a triplethrust effort. We are reorganizing and consolidating, thus reducing our overhead and base support areas. The savings from this effort are largely in the indirect funded areas of our work. We are pursuing mission purification which will reduce duplicative and redundant capabilities at different sites and reduce our total capacity to perform direct work for customers. However, we will retain the complete range of technical capabilities with each site unique in its capabilities and not in competition for the same work with other sites. The third thrust area is in workload reduction which I'll address in this "Straight Talk" article.

Workload reduction is pretty straightforward. It results from our customers having smaller budgets and sending us less funding which results in less direct work to perform. It could take the form of fewer fleet training exercises on the Sea Test Range, fewer in-cell engine testing hours at Trenton, cancelled programs which cut a wide swath of impact across many of activities, or any other general or specific reduction in direct funding. Just like industry, we need paying customers to pay our bills. As direct work funding decreases we must adjust our business size to stay in business.

One of the most serious issues as we face an uncertain future of decreased funding is the difficulty in gaining good knowledge of future work far enough in advance to be ready to execute increased work or to decrease our workforce commensurate with the rate that work declines. Although it was forecast that work would drastically start to tail off this fiscal year, it hasn't happened. In fact, our total business is at a record all-time peak, almost \$4 billion! Looking ahead to fiscal year 93 the same predictions are being made in Washington that funding will be drying up, but the defense budget on the hill has only a very modest decrease in funding for the programs that comprise the body of our work. We simply don't know yet what the final Congressional action will be on the FY93 budget but my guess is that, in general, we'll have a relatively good year in 93. Not as good as FY92 but not as bad as the voices of doom have predicted. There should be enough work for us to keep our declining work force fully employed. Specific programs increases and decreases will occur, but on balance, it doesn't look bad thus far.

The real reductions seem to begin in FY94. Every pundit and observer of the Washington process says that the FY94 defense budget is in for significant decreases. The process in the Pentagon which leads to establishing the President's FY94 budget submission to Congress is in the typical state of turmoil I see every four years as we face Presidential elections. In fact, nobody knows at this point what the final outcome of the next budget process will be. I think it is safe to say our work funding will be reduced, probably by more than the decrease we expect from this year to FY93. But I just have no good way to tell, at this time, how much more.

Two typical questions are usually raised when the future is uncertain. Can we live off the backing of work already funded, and can we bring work back in-house that is presently being performed by contractors?

Yes, the backing or carryover can sustain us for a while, but it won't last long. We typically carry over about three months work going into a new fiscal year. This cushion obviously won't sustain jobs for any extended period. Yes, work can move in-house where we need to protect vital organic Navy capabilities, but on balance the contracted-out work will decrease at about the same rate as our inhouse work. It is fundamental government policy not to compete with industry for work best done in the private sector. Furthermore, it is Navy policy not to arbitrarily pull work in-house to protect our jobs at the expense of the private sector. In accordance with higher level guidance we will maintain, at the NAWC level, our present ratio of in-house/out-house work. Within those guidelines however, NAWC managers will continue to make daily judgements on whether to buy a service or perform it with our own people.

Pages From The Past

October 1, 1982

Master Chief Topedoman Jesse W. McAllester took over as NWC Command Master Chief, succeeding AFCM Richard Brant. . LCdr. John Hershberger was honored at the Tailhook Symposium for having the most carrier landings of any lieutenant commande attending. . . China Lake weather forecaster John Gibson says get ready for a wet cold, early winter. . . NWC's SAR helo rescued residents and campers from flooding along Big Pine Creek between Big Pine and Glacier Lodge.

September 29, 1972

Walt LaBerge, deputy technical director, received the Navy Superior Civilian Service Award from the Chief of Naval Material, Adm. Isaac C. Kidd for work on the Navy Lab Quick Response Program. . . Ltjg. Travis Cox put the NWC MARS station back on line

. William J. Baker was named to head the 1972 Combined Federal Campaign. . . The Navy's unique Race Relations Team visited the Center last week. . . The annual Navy League Bluejacket of the Year Banquet i scheduled for Oct. 12. September 28, 1962

Elaine Darnell has been made to direct operations of the new China Lake child care center when it opens next month. . . Capt. C.O. Holmquist is producer for the gala Neptune Ball in October. . . Barbara Wertheim was succeeded as WACOM president by Rhea Blenman. NOTS football season gets underway with the Marine Barracks meeting the NAF team. . . Mr. and Mrs. Dominic Rusciolleli had the "Home Beautiful". . . Bil Verry is president of the United Fund board for 1962. October 1, 1952

Chief Machinist Mate Clifford Arlington retired a NOTS after 30 years in the Navy. . . Thirty-two candidates seek 17 community council seats this year. . . Sta tion Commander, Capt. W.V.R. Vieweg addressed the Rotary Club about growth and area problems. . . The Aviation Ordnance Department had a farewell party for Lt. Robert Curley, NAF project pilot. . . Twenty motorists appeared in the Station traffic court this week. . . State assembly candidates meet NOTS voters next week.

Variety of events scheduled for Desert Empire Fair; begins October 7

Once again, residents of the Indian Wells Valley will be treated to a variety of events at the Desert Empire Fair scheduled for Oct. 7-11.

The gates open at 5 p.m. on Wednesday, Oct. 7. To celebrate opening day, visitors can ride all the rides they want for only one price - \$9 (or \$7 with coupon). Entertainment includes Freddie Prez Puppet Show, opening ceremonies, Popular Demand (a country band), hot wheels races, Rivingtons 50/60 Stars, a diaper derby, and antics by the Happytime Circus clowns. Camel, elephant and pony rides and a variety of exhibit booths will also be available. A few of the exhibit booths include arts and crafts, floriculture and horticulture. Visitors can also attend the livestock show.

Thursday, Oct. 8, is Heritage Inn Day. The gates open at 5 p.m. Entertainment includes Freddie Prez Puppet Show, Popular Demand, Happytime Circus clowns, sheep judging, demo derby, Sierra Wind Flag Corporation, diaper derby, waiter/waitress race, arm wrestling and Karoki.

Friday, Oct. 9, is Contel Day, with the gates opening at 5 p.m. Entertainment includes Freddie Prez Puppet Show, Rhonda Nelson (a country-western singer), hot wheels races, Happytime

clowns, Baillie and the Boys (the Country Music Association nominees for 1992), a swine show, a Taekwondo demonstrationand the American Made Band. Gates close at midnight.

Saturday, Oct. 10, is KLOA Day, with the gates opening at noon. Entertainment includes the livestock show, working dog trials, American Made Band, Alphabet Soup Puppeteers, mustache/beard contest, Ridgecrest Dancers & Gymnastics, pie judging contest, Sunshine Generation, Sierra Academy of Dance, bull riding, and the Coyote Cloggers.

The final day of the fair, Sunday, Oct. 11, is Von's Market Day and Carnival

Wristband Day. Gates open at noon. Entertainment includes the junior livestock auction, Happytime Circus clowns, a three-legged race, newspaper toss, Taekwondo demonstration, The Burners, a pie eating contest, Alphabet Soup Puppeteers, a mustache/beard contest, nail driving contest, the finals of the hot wheels races, a demolition derby, and the waiter/waitress race finals. Some shows have a fee separate than the admission cost to the fair, which is S4 for adults (13 years of age and older), S2 for children (age 5 to 12) and S4 for seniors.Call the fair office at 375-8000 for exact prices and schedules



October 1, 1992



LiteLife is a surgical procedure that enables the seriously overweight to lose unwanted and unhealthy pounds and regain their emotional and physical health permanently



BARBARA DEGROOT 207 lbs. 414 lbs. Barbara Merati, a LiteLife patient, has scheduled a LiteLife support group in Ridgecrest on:

> Monday, October 5, 1992 at the Desert Counseling Center, 814 N. Norma Call Barbara at 371-4674

Barbara encourages all LiteLife patients to attend and support each other and the program.



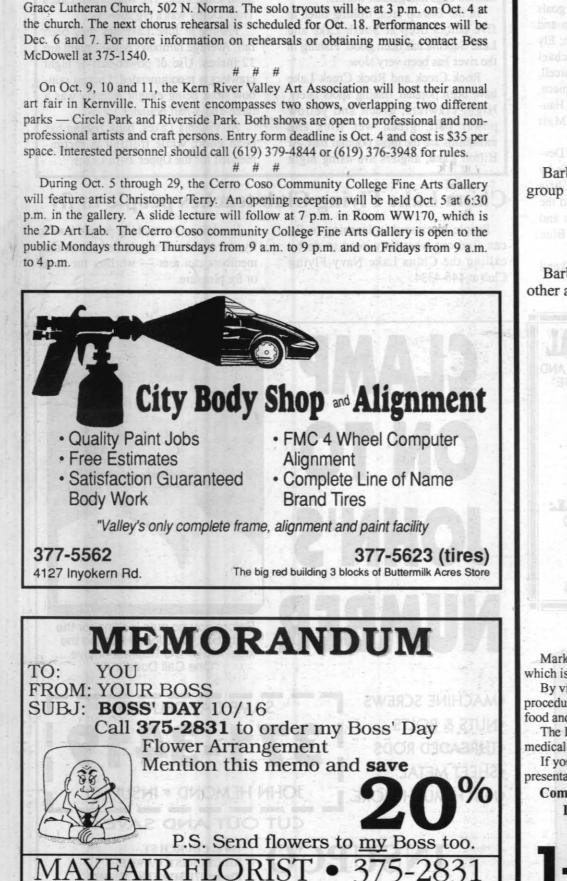
Mark and Barbara's success story is like four others told in this true-life video which is being offered to you free.

By viewing this special presentation, you will learn how this exceptional surgical ocedure has helped people start a new and wonderful life. People actually eat less ood and feel completely satisfied.

The LiteLife program is conducted under strict guidance of a highly trained nedical team. They are dedicated to helping you live a healthier, happier life. If you are at least 75 pounds overweight, you need to preview this video esentation and learn all about LiteLife. Call or write today. There is no obligation. Come and join the support group and meet the patients from Ridgecrest,

Inyokern and Trona who have successfully maintained their ideal weight by participating in the LiteLife program.





Cerro Coso Community College presents "A Time To Dance," a ballroom dancing

class, every Friday evening, from 7 to 9 p.m., Oct. 2 through Nov. 20 at the High

Desert Dance Center, 725 Gateway. Instructors are Jan and Ken Austerman. Special

emphasis will be given on effective leading techniques, rhythm identification, balance,

posture, styling and phrasing. Enrollment for this course is now being taken in the col-

lege's Instruction Office between 8 a.m. and 7 p.m., Monday through Thursday, and

#

Chorus rehearsals for the Christmas portion of the "Messiah" began Sept 20 at

from 8 a.m. to 5 p.m. on Fridays. The course fee is \$25 per person.

105 N. CHINA LAKE BLVD.

(1001) 5555-555 2088 glad xed (1001) 5456-375 843 358 368 (1013) 358-545 34 558-315 6498

1966-197 (1997) - 5 (1960)

Seabees change AOIC and present awards at quarters CMC Morrison earns SCWS, UT1 Hays receives NAM

By Barry McDonald

eptember quarters for the Naval Air Weapons Station China Lake Seabees, Naval Mobile Construc-D ion Battalion 17, Detachment 0217, highlighted the change of assistant-officer-in-charge. CMC Jerry Morrison relinquished the AOIC position to UT1 Lu-Ellen Havs.

CMC Morrison, who joined the reserves in February 1971, has accepted assignment as the battalion's Alpha Company Chief. He has spent a good portion of his career in battalion and detachment public affairs offices, which earned him a Navy Achievement Medal in 1980 when he was a second class petty officer.



DESIGNATION as a Seabee Combat Warfare Specialist is a milestone in the reserve career of CMC Jerry Morrison.Detachment 0217 OIC Lt. Scott Brown reads the citation.

In April of 1988 Morrison was assigned as the China Lake detachment's leading petty officer, and he took the the top local job of AOIC in April 1990.

Chief Morrison said through his naval reserve career he's been fortunate to receive several deployments to sites outside the continental United States, including Panama, Puerto Rico and Hawaii.

In addition to the changing of the AOIC ceremony, Morrison was also awarded the newly authorized Seabee Combat Warfare Specialist (SCWS) designator.

In his civilian job, Morrison is the NAWS Self-Help Program manager and also serves tio coordinate local Seabee projects.

An electrical station operator and supervisor with the Los Angeles Department of Water and Power (LADWP), UT1 Lu-Ellen Hays has lived in the Owens Valley since 1969. An active duty electrician's mate from 1956 to 1960, he worked at the Long beach Naval Shipyard from 1961 to 1964 when he started with LADWP.

He joined the U.S. Naval Reserve in 1980 as a second class petty officer and became a project leader and was named Seabee of the Year in 1984. UT1 Hays was assigned as training petty officer that same year and since 1985 has served as military training instructor. He made first class in 1987. He became operations petty officer for the detachment in 1991, and in June of this year received a letter of commendation for his work on the Embarkation Load Planning Team during the battalion's recent Sea Dragon exercise.

In addition to ascending to the AOIC position at the September quarters, Hays received a Navy Achievement Medal for his service as operations petty officer. "Petty Officer Hays planned material and manpower require-



ments for several major projects that greatly benefitted NAWS," the citation reads, in part, "and provided excellent training for Seabees in Detachment 0217...He voluntarily worked long hours on planning weekend training, typically making two five-hour trips per month to coordinate projects activities with NAWS and other detachment personnel."



NAM is pinned on new AOIC, UT1 Lu-Ellen Hays by Lt. Brown

Others honored at the guarters ceremonies included CM3 Russell Pierce and CM2 Danny Fleming who received Naval Reserve Meritorious Service Medals and EOCN Joshua Blackburn, EOCN Bryan Hill and EOCN John Santiago, who received letters of appreciation from the commanding officer of U.S. Naval Air Station Agana, Guam for work completed during active duty training at the air station. CMC Paul Jones received a letter of commendation for his efforts with Sea Echelon Mount-out at Port Hueneme in May.



FAMILY AFFAIR—Full attention is given by four-year-old John Spear as dad, Lt. John G. Spear, recites the oath of office at his promotion to lieutenant commander August 17. LCdr. Spear's wife, Mary, and daughter, Sarah, 6, also were on hand as Capt. Bob Kapernick officiated. Spear came to China Lake in June of 1990 as the Line Division Officer and A-6E NATOPS Officer. He is now assigned to the Fleet ARM Effectiveness/Suitability Office. A 1982 graduate of the United States Naval Academy, he is currently working for a master's degree in aviation systems from the University of Tennessee

Editor's Note

By Barry McDonald

AMH2 Mark O'Lague wins this week's award in our semi-regular Just-Wanted-to-See-if-You-Were-Paying-Attention contest. He was the first to call and question our use of the phrase "clover leafs" in the cutline beneath the photo of Chief Miles Ernst's pinning ceremony. He wasn't questioning the use of "leafs" as opposed to the preferred "leaves," according to Webster's. He was pointing out that it is anchors and not clover leafs that are pinned on chiefs.

Would that it were true that we had such a JWTSIYWPA contest. Then I wouldn't have to take the blame for such a stupid mistake. But the fault is all mine. I'm sorry, and I apologize to all of the Navy-I was going to get specific, but there's not enough room to name all of those to whom I owe apologies. I especially apologize to the Chiefs Ernst; I hear Miles has taken a lot of ribbing.

Perhaps he can just look at it as the final straw in his initiation

Clover leafs?

(So shoot me)

There is no excuse for lack of performance, as a former technical director once told me, when I failed to show up for a scheduled appointment. So I make no excuses.

Oak leafs do get pinned on the collars of lieutenant commanders and commanders. Clover leafs, however, are those sometimes beautiful structures that appear at the intersections of freeways in Southern California. I have no idea how it got into my head. I know that on at least four occasions during the assembly of last week's paper I wondered if it was correct, but failed to ask anybody.

I'm concerned that no one besides Petty Officer O'Lague called to complain. Maybe they think I knew something they didn't-maybe they're just waiting to catch me in a dark alley.

take this opportunity of expressing my deep appreciation for the fine spirit of cooperation and loyalty that you have demonstrated during the past 20 months...There can be no let up in this work if we are to insure continued peace throughout the world. A strong America, well equipped with new weapons as devised by men of science, can insure continued peace throughout the world. As Teddy Roosevelt said: 'Speak softly but carry a big stick.' This was never more true than it is today.'

BURROUGHS from Page

Burroughs left NOTS to become commanding officer of the USS Cape Gloucester, then had various shore duty assignments, including a third tour at BuOrd and a twoyear assignment at the U.S. National War College. He retired in 1954 after serving as commanding officer of Naval Air Station, Quonset.

In addition to the Distinguished Flying Cross, Bur-

roughs was honored with two Silver Star Medals, the Legion of Merit and a Silver Life Saving Medal.

After his Navy career, he was an executive with General Precision Equipment Corporation in New York City and Washington, D.C., until retiring in 1967, when his wife, Katherine, and he moved to Coronado.

According to an obituary in The San Diego Union-Tribune, RAdm. Burroughs spent much of his time as a volunteer at the Small Business Administration in San Diego and also visited senior citizen's weekly at Coronado Hospital's long-term care facility.

The rear admiral returned to China Lake a number of times over the years for anniversary parties and to be interviewed for historical articles and videotapes. His most recent visit was in 1986 when he was a guest of a reunion of the first five graduating classes of Burroughs

High School.

"I spoke to him just after one of his strokes and he agreed to be the honorary co-chairman of the 50th Anniversary Advisory Committee," said Bill Davis, executive secretary of the committee. "He said at that time he was proud of the contributions the Station had made and would be glad to do anything he could to help."

In later conversations with Katherine, Davis said she expressed the couple's appreciation that the people of "NOTS" still remembered them

"Admiral Burroughs was a visionary," said Davis. "The work he did to realize his dream set the foundation for what China Lake was to become and continues to be for nearly 50 years. We'll surely miss him."

Commissary and Exchange slate October sales

DeCA celebrates first anniversary this month

Celebrating its one year anniversary, the Defense Commissary Agency will feature more than 800 different items at discounts of 20 to 60 percent at commissaries throughout the world during the month of October. Savings will be found throughout a full range of products, including health and beauty aids, beverages, cereals, frozen foods, pet foods and candies.

DeCA officially assumed responsibility for the Department of Defense Commissary System Oct. 1, 1991. During its first year of operation, the agency made a strong commitment to enhance the commissary benefit by providing the finest products available, at the lowest possible prices, for shoppers, noted SHCS R. Binaoro, commissary store officer of the Naval Air Weapons Station China Lake Commissary.

"I invite all commissary-authorized patrons to visit and take advantage of this sale," Binaoro said. "Not only will they be able to save money, they will be able to see the many improvements that have been initiated over the past year. Improvements that reflect this as 'their' store "

Joyce Dinnage on Station next week to teach NMCRS course

Joyce Dinnage, executive director of the Long Beach Auxiliary of the Navy Marine Corps Relief Society (NMCRS) will be aboard the Naval Air Weapons Station China Lake Oct. 5 through 8 to conduct a training course designed to acquaint the military community with the services the society provides to Marine and Navy personnel. Money management and volunteerism are also included in the course.

The course will be held from 9 a.m.

to noon and dependent spouses are encouraged to attend.

In addition to the four-day course, a special session on Wednesday evening, Oct. 7, at 7 p.m. will highlight survivor benefits

There is no obligation to volunteer, and participants will be reimbursed for child care expenses. To register call 939-2921 Monday, Wednesday or Thursday from 11 a.m. to 2 p.m.

(September thru June)

NEX plans several sales events as autumn dawns

October means values at the Navy Exchange, notes a press release from the Navy Resale and Services Support Office. October sales include the Navy Birthday Celebration, Oct 7-17; Columbus Day One-Day Sale, Oct. 12; Home Values, Oct. 21-25; and Holiday Gifts, Oct. 28-Nov. 8.

During the Navy Birthday Celebration, Oct. 7-17, the Navy Exchange will celebrate the Navy's 217th birthday with savings on fashions and accessories for the whole family. Savings will be available on fall jackets, Navy insignia sweats, jackets and luggage, selected Navy uniform items and other items.

The Columbus Day One-Day Sale, Oct. 12, will feature savings on a wide range of merchandise.

Home Values, set for Oct. 21-25, accents home furnishings, accessories and appliances.

Prepare for the holidays during the Holiday Gifts Sale Oct. 28-Nov. 8. Dress up the home and family with holiday fashions and furnishings and get a start on Christmas.

Yom Kippur services to be held at Chapel

Services for Yom Kippur, a Jewish holy day, will be held in the East Wing of the All Faith Chapel aboard the Naval Air Weapons Station China Lake. The schedule is as follows:

Oct. 6 - Kol Nidre will be celebrated, recognized or observed at 7 p.m.

Oct. 7 - A morning service will be held at 10 a.m., with a children's service set for 1:30 to 1:50 p.m. The afternoon service is at 4:30 p.m. At 6 p.m., the Yizkor service will be held, with the concluding service to follow. At approximately 7 p.m., a community breakfast is planned.

Hail and Farewell set tonight at 6

Members of the Marine Aviation Detachment invite all military officers and their DoD civilian counterparts (GS-9 and above) to an officers' hail and farewell tonight, Oct. 1 at 6 p.m. at the Community Patio (outside of the Barefoot Bar).

Couples whose last names begin with A through M are asked to bring a salad, and those beginning with N through Z are asked to bring a dessert. Singles are asked to bring chips and dip.

All Faith Chapel Services

Protestant	1. S.	Roman Catholic	
Sunday Worship Service, East Wing	8:00 a.m.	Sunday Mass, Main Chapel	9:00 a.m.
Sunday Worship Service, Main Chapel	10:30 a.m.	Daily Mass, Blessed Sacrament C	hapel 11:35 a.m.
Sunday School, 1008-10 Blandy & 1903-05 Mits	cher 9:00 a.m.	Confessions, Sundays	8:15 - 8:45 a.m.
Bible Study (East Wing), Wednesday		Confessions, Weekdays	By appointment
(September thru June)	11:30 a.m.	Religious Education Classes, Sunday	
Men's Prayer Breakfast, East Wing, Thursday	6:30 a.m.	(September thru May)	
Officers' Christian Fellowship/Christian Military Fellowships,		1902 Dibb, 1002 Blandy,	
East Wing, Thursday	7:00 p.m.	1008-10 Blandy &	
Jewish (446-4152 Messages)		1903-05 Mitscher	10:15 a.m.
		Adult Education Classes, Thursday	ys
All activities held in the East Wing	7.00	(September - May)	
Weekly Services, Friday	7:30 p.m.	St. Ann's School Library	7:00 - 8:00 p.m.
Hebrew Classes, Saturday (October thru June)	2:00 - 5:00 p.m.	RCIA, St. Ann's School Library	8:15 - 9:45 p.m.
Adult Education, Saturday (October thru June)	10:00 a.m noon	Islamic	and to relation of
Religious School, Sunday			1.00
(September thru June) 9:	30 a.m 12:30 p.m.	Jumaa Prayer, Friday (1002 Blandy	y) 1:00 p.m.



Chaplain T.F. Mele, LCDR, CHC, USN Chaplain G. L. Goodman, LT, CHC, USNR Batsheva Gluckman, Student Rabbi Office Hours: Monday thru Friday, 0730 - 1630 Phone 939-3506, 939-2773 and 939-2873

Members of the Naval Air Weapons Station China Lake Youth Fall Soccer League started the fall season last weekend.

In Division I, The Owls shut out the Express 2-0 with two goals by Spencer Witt, and the Wolves blocked the Tigers 2-0. Outstanding players were Jon Grace and Sean Dougherty for the Express; John Thaves, Matthew Mossberg and Matthew Graves for the Owls; and Natalie Marshal, Bobby Meyer and Kurt Hennigan for the Tigers.

Cobras smothered the Flames 1-0 in Division II action when Mike Sheffler kicked in the lone goal. The Flames saw extended effort by Adam McManigal, Sarah Barbot and Luke Morgan. The Drillers buried the Aztecs 13-3



Hall Memorial Lanes schedules bowling league for flex Fridays

Starting Oct. 9, Hall Memorial Lanes is offering a Flex Friday Bowling League. This no-tap, non-sanctioned league is geared for potential or experienced bowlers.

Four-person teams, consisting of men, women or a mixture, will compete in three games per Friday play. A handicap will be established (up to 80 percent of 200)

Youth soccer league begins fall season

Blardek

through Nov. 21.

Cost is \$7 per person per Friday play.

Flex Friday league bowlers will be given the opportunity to purchase selected equipment at a reduced rate, Poindexter said. For example, an Urethane bowling ball (drilling included), a single bowling bag and one pair of bowling shoes for a total cost of \$65.

Teams or individual players can register by calling 939-3471.

in Division III play, while the Sockers

bested the Strikers 3-1. Kicking in goals

for the Drillers were Erik Johnson and

Jessie Lesniak, with four goals each; Ely

Roberts with two goals; and Michael

Dorell, Colin Hickle and David Purcell,

who each knocked in one goal a piece.

Sockers' goals were made by Brian Hau-

gen, who booted in two, and Matt

Division IV action saw the Red Dev-

ils take the Blue Devils 4-2. Goals by

Chris Maki, Doug Bowman, Chris

Brown and Robin Noennich secured the

win, while goals by Carlos Olson and

Anastasia Wunderlich made the Blue

Action will continue each weekend

Devils a force to be reckoned with.

Only one more month remains trout biting in Eastern Sierra region

With only one more month of the general trout fishing season, the Eastern Sierra region is still releasing a number of limits, notes a report from the Bishop Chamber of Commerce.

The Owens River, near Big Pine, has recently been stocked with a new breed of browns. Because these fish are still tiny, approximately four to six inches, fishermen are being urged to release them. However, Big Pine Creek fishermen are catching limits of pansize fishing by using mosquitos, salmon eggs and garden worms.

In the Bishop area, trolling three to five colors deep at South Lake and Lake Sabrina has been good. Fishing in the river has been very slow.

Rock Creek and Rock Creek Lake have been popular fishing spots lately. Night crawlers, green and yellow power bait, green wet flies and mosquitos are the most popular bait. At Hilton Lake, anglers are using night crawlers, worms and power bait.

Convict Lake has been very productive lately, with anglers catching their limits. Three to four-pound rainbows are biting night crawlers and green power bait. If using lures, try yellow rooster tails flat fish rapalas or needlefish

Perch fishing at Crowley Lake has been excellent. Anglers are having the best luck using white, yellow and purple perch jigs.

Action hasn't been bad in the Mammoth Lake area. The Mammoth Lakes Trout Derby was a big success.

Fishing at June Lake has only been fair. Average rainbows being caught are 12 inches. Use of power bait or night crawlers is recommended. Largest rainbow trout being caught recently was a three-and-a-half pounder.

At Virginia Lakes, bank fishing has been good, while trolling is recommended for the Upper Twin Lakes.

China Lake Flying Club teaches people to fly

People interested in learning to fly can find out what they need to do by calling the China Lake Navy Flying Club at 446-4334.

In addition to teaching people how to fly, the club has a number of planes club members can rent — whether for travel or for pleasure.

Fifty-three athletes participate in Rattlesnake Relay

Fifty-three runners and walkers participated in the annual Ridgecrest Rattlesnake Relay, held on Sept. 17 at McBride Park. The traditional throwing of the rubber snake in the air signified the start of the race, which was blessed with cooler weather, but cursed with high winds.

This year the Over the Hill Track Club added a walkers' division to the event. John Anderson, local ultra runner, completed the 3.3 mile loop in 40 minutes and 2 seconds, earning first place. Pat Oliver and Diane Dillie finished in a dead heat in a time of 50 minutes and 43 seconds, splitting second and third place.

The always hotly contested Men's Division had seven teams entered. After assessing the handicaps, the "Old Hats," with Jay Crawford, Ron Goping and Joe Oliver, were awarded the gold with a handicap time of 64:22 and a scratch time of 71:52. "Tiger Run," with Joe Boyles, Jerry Banister and Ivan Wright, received the silver medal with a handicap time of 65:40 and scratch time of 73:00. "The Malcontents," with Tom Howard, Danny Pullman and ex-Burroughs High School harrier, Eric Martin, earned the bronze with a handicap time of 66:50 and a scratch time of 67:50.

The "Creeping Critters," with Jerry Mumford, Jim Dixon and Mike Mumford, took the gold in the Mixed Division with a handicap time of 65:42 and a scratch time of 76:57. Second place hon-

ors went to "Two Babes and a Boob," consisting of Dick Wisdom, Carol Burge and Sandy Friedman. The team had a handicap time of 69:20 and a scratch time of 93:50. The "Alberturtles," with Scott Randall, Virginia and Don Pitts, all newcomers to the Ridgecrest running scene, captured the bronze with a handicap time of 71:14 and a scratch time of 82:14.

"Shud-B-Riding," with athletes Shari Keyes, Caren Lemonnier and Melissa Parkinson, ran away with the gold in the Women's Division with a handicap time of 61:18 and a scratch time of 80:33. The academic environment was represented by the "Sweet and Slow Teachers," Linda Rolfs, Elaina McMahon, and

Kelly Smith, when they garnered the silver medal with a handicap time of 65:15 and a scratch time of 84:30. The "Unnamed," with Carrie Swinford, Sudie Nutter and Linda Sacco-Robertson, rounded out the division by getting the bronze with a handicap time of 85:13 and a scratch time of 103:13.

The coveted snake bitten awards were also given to the "Unnamed" for turning in the slowest handicap time.

The "Cornell," consisting of Doris and Gill Cornell, was the only entry in the Family Division this year. Gill Cornell did double duty by running the first and third legs of the race, with Doris running the second. Their handicap time was 64:23 and scratch time was 73:53.

China Lake Tennis Club hosts annual Gary Haugan tournament Deadline to enter is October 3, and entries must be postmarked no later than October 1 to be received in time

On Oct. 17 and 18, the China Lake Tennis Club will host its annual Gary Haugan Memorial Tennis Tournament at the Naval Air Weapons Station Tennis Courts, Cerro Coso Community College and Heritage Village.

Haugan was a young local tennis player who died of leukemia. The tournament was established to support scholarships for worthy local high school tennis players in Gary's name.

All residents of Ridgecrest and the Indian Wells Valley are encouraged to enter. The events offered include Men's and Women's Singles, Doubles, Doubles for "A," "B" and "C" players.

The fees will be \$18 for the first event and \$12 for a second event (limit two events per person). The entry deadline is Oct. 3 and entries must be postmarked no later than Oct. 1 to be received in time. Entries may also be dropped off at 205 W. Boston Street. Entry forms are now available at the NAWS tennis courts.

A social will be held on Saturday evening, Oct. 17, for all participants, their families and friends. Information on the particulars will be posted at the NAWS and Cerro Coso courts.



October 1, 1992

Survey shows NAWCWPNS' TQM strengths, weaknesses

By Lucinda Lundin Human Resources Departmer

Last January, the Total Quality Survey was administered to a random sample of Naval Air Warfare Center Weapons Division employees at each of the four geographic sites (Albuquerque, China Lake, Point Mugu and White Sands) in order to assess the Implementation of Total Quality Management within the division. A total of 1,269 individuals returned the surveys. Alamo Learning Systems designed, prepared, administered and compiled the survey responses. Analysis was provided by the Management Analysis Branch at China Lake

First section results

The Total Quality Survey was divided into two sections. In the first section, respondents ranked several items according to the amount of attention these issues received from management. According to respondents, NAWC-WPNS management places the highest emphasis on safety, followed by customer service/satisfaction. In descending order, those two items were followed by timeliness, efficiency, tech/production innovation and quality. According to survey responses, productivity is seen as management's lowest priority.



In the second section, individual questions were grouped into categories and the resultant scores were compared to the number of points required to qualify for the Malcolm Baldridge Award, an award given for excellence in the area of TQM. The categories reviewed were:

leadership, information and analysis, strategic quality plan, human resource utilization, quality assurance, quality results and customer satisfaction.

The NAWCWPNS obtained 67 percent of the points needed to qualify for the Malcolm Baldridge Award in the areas of customer satisfaction and leadership and 53 percent of the points needed in the area of strategic quality planning. Points in the other four categories varied between 59 percent and 61 percent.

Ninety-four percent of the survey respondents indicated they feel a great sense of accomplishment when they perform high quality work. This question received the greatest number of positive responses: followed by 91 percent who stated they receive a formal performance review at least once each year. Seventynine percent responded that there is sufficient concern for safety in their work groups and they will be respected by their peers for performing high quality work

The question that received the most negative responses (60 percent) reflected a lack of information on companies of

known high quali-

ty with which the

NAWCWPNS

could compare its

products and ser-

vices. Sixty-one

percent of the

respondents also

One of NAWCWPNS' TOM strengths is the employees' strong personal commitment to performing quality work.

> indicated most information is in the employees' heads and not documented. The statement that poor relationships between different work groups hinders the effectiveness of quality efforts received agreement from 57 percent of the respondents.

General comments

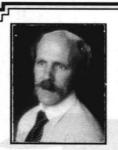
At the conclusion of the Total Quality Survey, respondents were asked to indicate the three things most crucial to improving TOM. A total of 673 individuals provided comments. Although the number of times a particular issue was mentioned cannot be quantified because of possible misinterpretation of the written material, it appears that the following

recommendations received the greatest number of comments: increase management commitment to TQM; decrease the layers of management; eliminate the "good-old-boy" network; increase employee input in decision-making; and decrease unnecessary administrative requirements.

Overall

Overall, the survey results showed that NAWCWPNS has several strengths, particularly its employees' strong personal commitment to performing quality work, its emphasis on employee safety and its reliance on employees' feedback and ideas. There are also several opportunities for improvement, namely, methods for increased transmittal of information throughout the organization, increased contact with outside organizations, more emphasis on quality strategy and implementation and improved opportunities for obtaining customer feedback.

Thanks to everyone who participated in this survey. The information you provided will help the NAWCWPNS achieve its goal of being a world class organization. As a direct result of this survey, management is placing a strong emphasis on development of a TQM strategy and working on improving its distribution of information.



Jewelry Jottings

Opal provides a fascinating play of sparkling colors. Some opals are milky, some are on fire, some are jelly but all have the magic rainbow within and are enhanced by the intriguing effect of light. Precious

black opals are the rarest and are found only in two small areas in Australia. Opals are very popular and we have an excellent selection from which to choose this birthstone for October.





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CFC from Page

One of the LFCC's main goals is to contact 100 percent of the federal employees in the valley, he said. To help accomplish this, the committee wanted to make their training more effective by training all the keyworkers at the same time so they all receive the same information. The LFCC will hold another training session for keyworkers unable to make Monday's meeting in Michelson Lab Oct. 6 at 8 a.m

Many of the keyworkers are dedicated to the success of the campaign and feel that personal contact is the key. Sue Booth, the Safety Division keyworker, noted she has been involved with CFC for four years. "I believe in it (CFC)," she said. "It is a worthwhile cause." She feels personal contact is important for the success of the campaign and said she personally contacts everyone within her division. This wouldn't be possible without the 150 percent backing she receives from her supervisors.

Dot Johnson, one of Public Work's many keyworkers, is on her third year working with CFC. "I think it is an important thing to do," she said. "Just the thought you were able to help is a good feeling." She also feels personal contact is important. "Some years people just handed things out and didn't talk with the workers," she said. "That's not the way to do it."

Captain B.J. Craig, Commanding Officer of the Naval Air Weapons Station have-not." China Lake, was

the kickoff's final speaker. He urged the keyworkers to work hard at making this campaign a success. "We have the opportunity as

federal employees to make a difference," he said."You, as keyworkers, are critical in the success of this endeavor.

"This is truly an opportunity for those who have, to contribute to those who

"This is truly an opportunity for those who have, to contribute to those who - Capt. B.J. Craig States in the last six

> canes in Florida and Hawaii. CFC-sponsored agencies are going broke trying to help these victims, he explained. It is up to us to help support them. He noted he had personal experience on how CFCsponsored agencies help families rebuild their homes, keep the families together and help them get back on their feet.

"This has been a tough year," Capt. Craig said. "We are going to need a really good, strong program. I, personally, don't care if we are number one in the world or not. The fact we (the keyworkers) are going to go out there and do legitimate work for a legitimate cause, to help people who are really in need is the bottom line. As far as I am concern, that is all that matters. If we give it our best efforts, we can know when we go home and rest at night that we have truly helped somebody who has had a really rough time. I urge you to encourage particination this year."

Commonly asked questions...

THE ROCKETEER

What is the CFC?

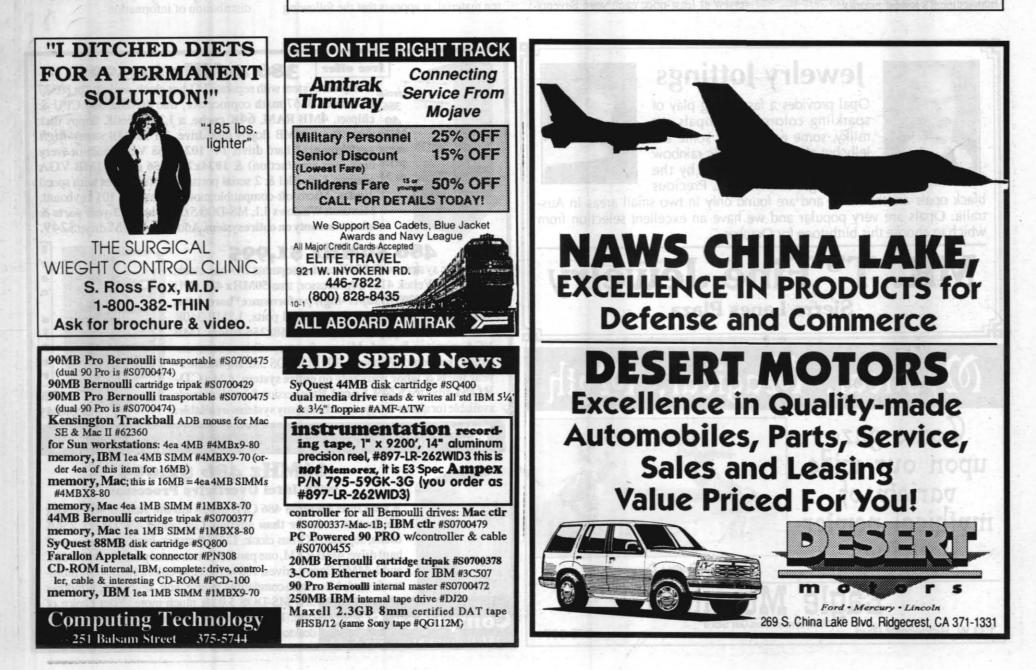
The Combined Federal Campaign was established in 1961 by the president for the purpose of providing a once-a-year, in the work place, fund-raising campaign. Except for service relief drives and disaster appeals, the CFC is the only solicitation conducted on-the-job. It is only for federal employees.

Is this a United Way campaign?

No. The Office of Personnel Management directs the LFCC (Local Federal Coordinating Committee) to appoint a Principal Combined Fund Organization, which is also known as the PCFO. This group has the responsibility to handle all the campaign's administrative needs, which include preparing a budget for approval by the LFCC, purchasing all the supplies, training keyworkers, putting together the brochure that

lists all the agencies, collecting the pledge cards, enter all the financial data into a database and disbursing the money collected to the designated agencies. The PCFO is acts under the direction of the LFCC.

Any agency may compete for this job. For many years, the LFCC has selected the local United Way of Indian Wells Valley to act in this capacity. The ties between the United Way of Indian Wells Valley and the United Way of America (the company that had its president resign due to excessive salary, travel expenses and other misuse of funds) are limited to training opportunities and purchasing of supplies at a reduced bulk rate. The Board of Directors of the IWV United Way is made up of local people, neighbors and co-workers, and the budget is managed at the local level. There is no policy direction from United Way of America.



have-not," Capt. Craig said, reminding workers of the natural disasters that have plagued the United

months - the hurri-

October 1, 1992

THE ROCKETEER

SPORTS

Lack of volunteers, participants postpones China Lake Triathlon

ue to lack of volunteers and participants, the 1992 Naval Air Weapons Station China Lake Triathlon has been postponed to Nov. 7. The original date of the race was Oct. 3. Hopefully, the extra time will allow the Sports Division time to get more people involved in the race, said Karen Rivers, event coordinator.

The triathlon includes a half-mile swim (32 lengths), a 25-mile bicycle race (10K) and a 6.2-mile run, with the events taking place in the order listed above.

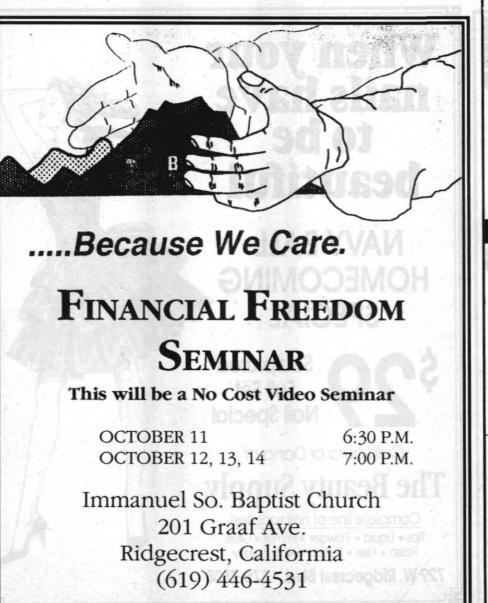
Contestants will be placed in a heat based on their expected completion time. Heats will be posted at the NAWS Gym one week prior to the race. Heat times are 8, 8:30, 9, 9:30, 10, 10:30, 11 and 11:30 a.m.

Divisions will include men's and women's individual, broken into age groups: 18-29, 30-39, 40-49, 50-59, and 60 and over. Teams categories include mens, women's and mixed.

Entry fees are \$20 per person by close of business Oct. 30. Fees for entries received after that time will be \$25. Checks should be made payable to MWR-REC and hand delivered or mailed to the NAWS Gymnasium. Both sides of the entry form (available from the gym) must be filled out and include the applicant's signature.

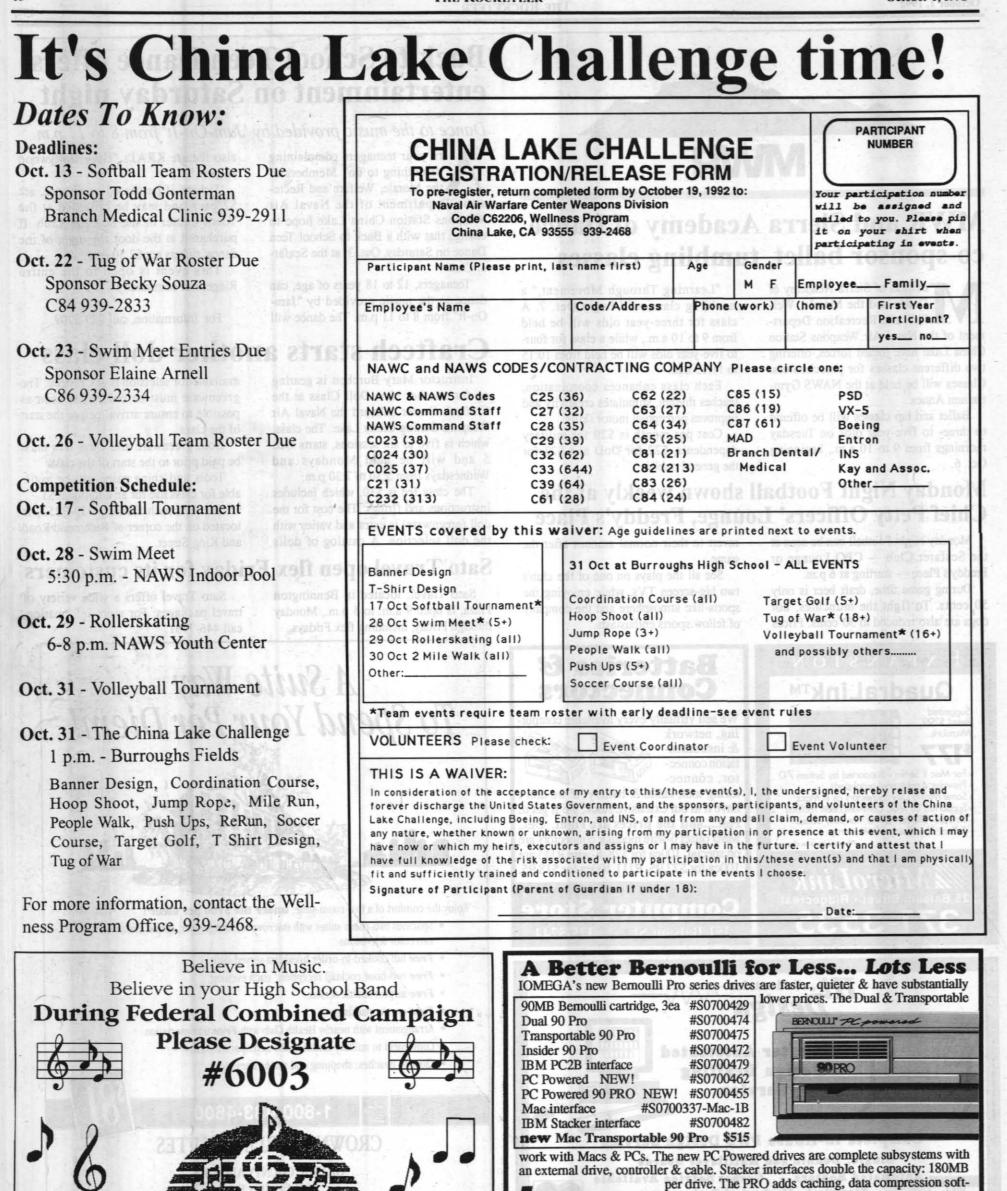
All participants will receive a free t-shirt, with individual awards going for first through third place in the individual division and for each person in the first place team in the Team Division. In addition, there will be an award given for "Best Overall Man" and "Best Overall Woman '

People willing to donate their time to make this event a success are asked to call the Morale, Welfare and Recreation Sports Division at 939-2334.





October 1, 1992



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coor i souluis October 1, 1992



Not all issues require expensive "High Tech" solutions. Often a relatively low cost fix is all that is needed. Here are a couple of Ideas that made work better at China Lake and didn't cost an arm and leg to implement.

Frank Petty (Code 2666) noted the water system for the Wash area had no warning system on the well pump. So when the pump went out, the first anyone knew about it was when the twoweek supply in the storage tank ran dry. He reasoned if an inexpensive relay was attached to the pump and a warning light placed on the pump control box, anyone could see when the pump went out and there would be ample reserve until a repair was made.

Greg Kramp (Code 3273) saw a way to take advantage of existing equipment to expand the training opportunities offered through the California State University, Chico, classes broadcast by satellite. The existing program required students to go to the Training Center to participate in the live classes. He noted the base broadband network had been installed throughout much of the base and reasoned it would be easy to expand the classroom to several sites. The Chico programs are now being broadcast over

Issues can be solved with low

cost solutions

Channel 4 on the broadband network and a process for classwork has been established to complement the new operation.

You can reach Bruce MacIntosh or Melanie Truesdale in the IDEAS office at 939-2311, or E mail - SCF::IDEAS, or QuickMail - "IDEAS"

Latest IDEAS submitted are:

No. 494, Sandquist Gate. Jerry Taylor, Code 6252, proposes the Sandquist gate be open during the "core" hours. Access to emergency medical care in Ridgecrest is cited as primary benefit.

No. 495, Property Transfer. Richard Barr, Code 36861, suggests an added requirement to check with plant property custodians to account for equipment that was loaned to an employee who subsequently transfers to another code.

No. 496, MWR Newsletter. Ed Russell, Code 6133, suggests the "Roadrunner" publication of MWR be added as an insert to The Rocketeer, saving costs.

No. 497, Demo Project Performance Reviews. Ed Russell, Code 6133, proposes performance reviews required by the Demo Performance system be delayed until after the PRB process occurs so final ratings can be discussed.

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THE ROCKETEER

Survey: For T&E Certificate Program by Georgia Institute of Technology

Georgia Institute of Technology has established the Test and Evaluation Certifi cate Program in response to a request by the Defense Test and Evaluation Professional Institute to provide graduate-level formal education to the community of persons serving to meet the T&E needs in both the military and commercial sectors. The T&E Certificate is obtained in conjunction with an undesignated master of science degree offered by the School of Electrical Engineering of and undesignated master of science in the area of systems analysis from the School of Industrial and Systems Engineering. The program is designed for students that have a bachelor's degree in engineering from an accredited institution, or a degree in mathematics or science. Georgia Institute of Technology anticipates offering the courses required for the program via Video Based Instruction, commencing Winter Quarter 1993.

If you are interested in the Test and Evaluation Certificate Program through Georgia Institute of Technology, please complete this form and return it to Code 224/C622, attention Cecil Webb.

1 Name 2. Work Phone

3. Work Organization

4. Highest Level Degree Completed (please state major field of study)

2.1	Associate Degree
8_	Bachelor's Degree
	Master's Degree
_	Doctorate

5. If you do not have a T&E Certificate Program Student Manual (which provides detailed information of the certificate program), do you want one? ves no



Instructors needed for Northridge courses

California State University, Northridge, is looking for instructors to teach in its master's degree programs at China Lake. The following are tentatively scheduled for spring and summer of 1993:

Spring

EE 445N - Intro to Solid State Devices EE 637N - Pattern Recognition AE 672 - Advanced Topics in Aeropropulsion IE 601 - Engineering Statistics AM 421 - Aerostructures

EE 471N - Electromagnetic Fields & Waves II EE 682N - State Variables in Automatic Control ME 484 - Control of Mechanical Systems IE 608C - Seminar in Engineering Management

Anyone interested in teaching one or more of these courses should have at least a master's degree and appropriate experience. To submit a resume, contact Cecil Webb, Code 224/C622, 939-0878.

Professor Pettit of CSUN schedules visit to China Lake

Professor Pettit of California State University, Northridge, will be at China Lake Oct. 19 to advise current and prospective students in the master's

degree program in electrical engineering offered by the school. Those wanting an appointment to see Professor Pettit can call Denise at 939-2648.

Failure to comply with bicycle rules could result in a citation

Did you know that the California Vehicle Code requires the operator of a bicycle to ensure that any passenger four years or younger or weighing less than 40 pounds wears a helmet that fits properly and is fastened securely on the head with a helmet strap?

Did you know you cannot ride any passenger except upon a permanent and regular attached seat, and if the passenger is four years or younger, the seat shall have adequate provision for retaining the passenger in place and for protecting the passenger from moving parts of the bicycle (California Vehicle Code Section 21204)?

Failure to comply with the provisions of Section 21204 could result in the operator of the bicycle receiving a traffic citation.

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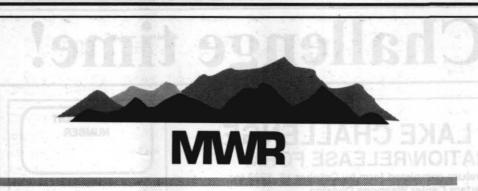
If the system detects any trouble, chances are we'll know about it and

have it fixed before you ever experience a problem. We simply believe in providing the kind of excellent hone service you deserve. So sleep well ... We're looking for trouble...so you won't find any.



October 1, 1992

THE ROCKETEER



MWR and Sierra Academy of Dance co-sponsor ballet, tumbling classes

embers of Sierra Academy of Dance and the Morale, Welfare and Recreation Department of the Naval Air Weapons Station China Lake have joined forces, offering two different classes for preschoolers. Classes will be held at the NAWS Gymnasium Annex.

Ballet and tap classes will be offered to three- to five-year olds on Tuesday mornings from 9 to 10 a.m., beginning Oct. 6.

"Learning Through Movement," a tumbling class, will begin Oct. 7. A class for three-year olds will be held from 9 to 10 a.m., while a class for fourto five-year olds will be held from 10:15 to 11:15 a.m.

Each class enhances coordination, teaches rhythm, stimulates creativity and improves perceptual motor skills.

Cost per month is \$20 for military dependents, \$22 for DoD and \$23 for

the general public.

Monday Night Football shown weekly at the Chief Petty Officers' Lounge, Freddy's Place

Monday Night Football can be seen at the Seafarer Club - CPO Lounge or Freddy's Place - starting at 6 p.m. During game time, draft beer is only 50 cents. To fight the munchies, hot dogs are also reduced to 50 cents. Prices

revert to their normal amount after the game.

See all the plays on one of the club's two big-screen TVs, while enjoying the sports-like atmosphere and the company of fellow sports enthusiasts.

Back to School Teen Dance offers entertainment on Saturday night

Dance to the music provided by 'Jam-On-It' from 8 to 11 p.m.

re your teenagers complaining A of nothing to do? Members of the Morale, Welfare and Recreof nothing to do? Members of ation Department of the Naval Air. Weapons Station China Lake hope to change that with a Back to School Teen Dance on Saturday, Oct. 3, at the Seafarer Club

Teenagers, 12 to 18 years of age, can dance to the music provided by "Jam-On-It" from 8 to 11 p.m. The dance will

Craftech starts another doll class

Instructor Mary Burchett is gearing up for another New Doll Class at the Craftech Center onboard the Naval Air Weapons Station China Lake. The class, which is five to six sessions, starts Oct. 5 and will be held Mondays and Wednesdays from 5:30 to 7:30 p.m.

The class fee is \$30, which includes instructions and firings. The cost for the doll (greenware) is extra and varies with the doll selection. A catalog of dolls

Sato Travel open flex Friday for its customers

Sato Travel, located in Bennington Plaza, is open 9 a.m. to 5 p.m., Monday through Friday, including flex Fridays.

also feature KRAJ's "Gary Hollywood Hilbert " Tickets, if purchased in advance, are

S2 each and may be obtained at the Youth Center or the Seafarer Club. If purchased at the door the night of the dance, tickets are \$2.50 each.

This event is open to the entire Ridgecrest community.

For information, call 939-2909

available for selection is at Craftech. The greenware must be ordered as soon as possible to ensure arrival before the start of the class

Both greenware and class fees must be paid prior to the start of the class.

Tools and china paint will be available for class use for an additional S3.

The Craftech Center, 939-3252, is located on the corner of Richmond Road and King Street.

Sato Travel offers a wide variety of travel packages. For more information, call 446-7751



Embedded Computing Institute plans workshop exploring re-engineering issues

While talking with various companies that may get involved in the Naval Air Warfare Center Weapons Division Embedded Computing Institute, it became increasingly apparent to Jay Crawford, ECI's acting director, that reengineering of embedded computer systems was a major issue. So, together with the National Security Industrial Association, the institute scheduled a three-day seminar to explore re-engineering issues.

Just returned from a similar workshop hosted by the Joint Logistics Commanders, Crawford said, "This really is a hot topic and our timing couldn't have been better. Now what we want to do is get our group to work with the JLC. Our real interest is in seeing government and industry work together." ECI's mission is to sponsor and facilitate cooperative ventures between government and industry that speed the technology transfer process for emerging technology.

Set for Jan. 12 to 14, the ECI and NSIA are seeking position papers for presentation at the workshop. The papers should address emerging technologies or research that can impact EC re-engineering in the next several years and what role the Navy should play to benefit from and contribute to these technologies.

Areas of interest include cost-benefit tradeoffs for existing operational programs, potential re-engineering projects with existing operational programs, potential cooperative projects between or amongst industry. academia and government, and commercial tools and methodologies.

Since the workshop is organized along technology areas, papers should address issues in these areas. Of particular interest are papers that relate emerging technologies or potential technology to specific requirements in the areas of advanced land combat, precision strike and air superiority and defense.

The focal areas to be addressed include systems methodology, including software methodology and hardware process methodology; risk analysis, enterprise model and life cycle issues; computer-aided software engineering tools to support re-engineering; environmental issue; issues related to university programs; process issues, including MIL-STD-2167A, harmonization and models; concurrent engineering; measurement; cultural issues and contracting methodology; and test-

Abstracts should be sent by Oct. 30 to the workshop program chairman, John Marciniak at E-mail address MARCINIK@SMT-PLINK.CTA.COM or CTA, Inc., 6116 Executive Blvd., Suite 800, Rockville, Md., 20852. For further workshop information call Marciniak at (301) 816-1220, Crawford at 939-9738, Dick Nuckles at 939-4805 or Mike Schall at Vitro Services, 446-6551.

Energy Office staff takes part in Saturday's parade

Employees in the Energy Conservation Office, onboard the Naval Air Weapons Station China Lake, invite all China. Lakers to come see their float in the Desert Empire Fair parade. The parade is set for this Saturday, Oct. 3. The float will display a variety of energy sources in unique fashion, states a spokesperson for the office. Energy sources represented will include windmills, geothermal, oil derrick, a water fall for hydro-electricity and a nuclear power plant. The float will be powered by photovoltaic energy

The Energy Conservation Office staff also reminds all China Lakers that tomorrow, Oct. 2, is the deadline for the Energy Poster contest. The poster should be 8 1/2" by 11" (minimum) and may be in any medium. The owner of the winning poster will receive \$250. For more information about the contest, call Tami Maxwell at 939-9473.

WACOM's next meeting is Oct. 13

WACOM's October Luncheon Meeting is scheduled for Tuesday, Oct. 13, at the Seafarer Club. A social hour will begin the event at 11 a.m., followed by lunch at 11:30 a.m.

The meeting will feature the song and dance of Jim and Martha Hessions and Chester Whitmore. Reservations may be made by calling Eleanor Rockdale at 446-6925.

SAME members hear about electric vehicles

Laura Diane Rudison from the Southern California Edison Company will talk about electric vehicles during the next meeting of the Society of American Military Engineers. The meeting is set for 1:30 p.m. on Oct. 6 at the Seafarer Club

Rudison will talk about the numerous new developments in the electric vehicle field, including the military interest in electric vehicle development.



death.

Retirement and life insurance under the Federal Employees Group Life Insurance program

By John Powers Code 22

Today let's discuss the Federal Employees' Group Life Insurance program and what happens to the life insurance upon retirement.

I get many questions concerning the cash value of the Federal Employees Group Life Insurance available to employees. This is "group" insurance and, as such, there is no cash or loan value. The insurance is intended as a form of immediate protection against financial hardship or loss in the event of

When an employee separates, if he is not eligible for an immediate annuity, the life insurance terminates. By an immediate annuity, I mean that the annuity would start immediately upon termination of employment (i.e. voluntary, discontinued service or disability retirement would be an immediate annuity). Should the life insurance terminate, employees may have temporary coverage for 31 days following separation, and they may apply for conversion to an individual policy.

As I said, you must be eligible for an immediate annuity in order to continue life insurance coverage into retirement. There is an exception for FERS employees who retire under the provision "MRA plus 10" and defer the annuity

commencing date. The life insurance terminates when they separate from employment. When the annuity payments begin, the life insurance coverage held immediately before separation resumes if the requirements for continuing coverage after retirement are met.

If you want to continue Federal life insurance into retirement, you must be enrolled at the time you retire and meet the following:

1) You must retire on an immediate annuity, and

2) You must have been enrolled in the program for the five years of Federal service immediately preceding your annuity commencing date, or if enrolled less than five years, since your earliest opportunity to enroll, and

3) You do not convert the coverage to an individual policy.

Federal life insurance consists of Basic Life Coverage plus Option A-Standard, Option B-Additional, and Option C-Family. I will cover the options and amount of premiums when you carry life insurance into retirement

When you retire, you will need to make decisions concerning your life insurance. This can be very important to you. The decisions will depend upon your individual circumstances (i.e. what coverage do you actually need and what family members you need to provide

for). If you do carry life insurance into retirement and later decide to change the coverage, you can reduce coverage at any time but you cannot increase coverage above what you elected.

If you are under age 65 at retirement, you are required to pay premiums for life insurance. These premium payments, will be withheld from your annuity until you attain age 65. Depending on the options you elect, you may have to continue paying premiums beyond age 65.

Basic Life Options

Your Basic Life insurance coverage is equal to your annual basic rate of pay, rounded to the next \$1,000 if it is not an even thousand, plus \$2,000, or \$10,000, whichever is greater. For example, if your basic pay is \$33,572, your Basic Life coverage is \$36,000. (Accidental Death and Dismemberment coverage under Basic Life terminates upon retirement.)

1) 75% reduction. Under this reduction schedule, your Basic Life insurance will begin to reduce by 2% of the original value each month beginning the second month after you retire or attain age 65, whichever is later. The insurance is reduced until it reaches 25% of the original value. If you retire before age 65, you continue to pay a premium of \$.401 monthly for each \$1,000 of Basic Life insurance. The premiums payments discontinue at age 65.

2) 50% reduction. If you elect this option, your Basic Life insurance will begin to reduce by 1% per month beginning with the second month after you retire or attain age 65, whichever is later. This reduction continues until your Basic Life insurance reaches 50% of the face value. If you retire before age 65, you continue to pay a premium of \$.921 (\$.401 plus \$.52) monthly for each \$1,000 of Basic Life insurance until you attain age 65. At age 65 the premium is reduced to S.52 per month for each \$1,000 of Basic Life insurance. You continue to pay this premium until death.

3) No reduction. Under this option, the full amount of your Basic Life insurance remains in force after you reach age 65. If you retire before age 65, you continue to pay a premium of \$2.091 (\$.401 plus \$1.69) monthly for each \$1,000 of Life Insurance until age 65. At age 65 the premium is reduced to \$1.69 per month for each \$1,000 of Basic Life insurance. You continue to pay this premium until death

Option A - Standard

The amount of Option A-Standard insurance is \$10,000 at retirement. This coverage begins to reduce by two percent per month after age 65 or retire, whichever is later, until it reduces to 25% of the face value, which is \$2,500. Please see RETIREMENT, Page 10

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GOODNEWS

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Open house highlighted during Fire Prevention Week, Oct. 4 -10

During Fire Prevention Week, Oct. 4-10, members of the Naval Air Weapons Station China Lake Fire Division will be hosting an open house at Fire Station 1, located on the corner of Inyokern and Lauritsen roads. From 9 a.m. to 9 p.m., visitors to the station can inspect the station's fire equipment, listen to a free fire safety talk and observe some common rescue techniques. China Lake firefighters will also be on hand to answer in fire safety questions, said Ross Davidson, China Lake's fire prevention chief

In addition, as part of the High Desert Fire Prevention Association, China Lake firefighters will emphasize the importance of preventing fires (fire safety) to school-age children during the association's annual fire safety shows. The China Lake show, for children in the Ridgecrest/China Lake area, is set for 10 a.m. on Oct. 6 and 7 at

the Station Theatre. Shows for other Indian Wells Valley school-age children, such as those living in Inyokern or Randsburg, will be held later in the week.

Fire Safety Week is an opportunity for everyone to review their fire-safety practices, Davidson said. Home-escape plans, commonly known as EDITH (Exit Drills In The Home), should be practiced. Families that don't have a plan should develop one, Davidson said. This is also a good time to test the smoke detectors in the home. If any of them aren't working, repair or replace them. They could save your life, Davidson said.

Davidson invites the public to attend the Station's open house to learn more about fire safety. Or, Davidson said, he would be happy to talk to anyone who would like more information about fire safety. He can be reached at 939-2146.

RETIREMENT from Page 9

The premium is \$9.75 per month between ages 55-59 and \$15.17 per month between ages 60-65. Premium payments for Option A stop at age 65.

Option B - Additional

The amount of Option B-Additional insurance is your basic pay at retirement multiplied by the lowest multiple of coverage that was in effect for the five years of service immediately preceding retirement, or the entire periods of service during which this coverage was available to you, if less than five years. Before multiplying, the basic pay is rounded to the higher thousand if it is not already an even thousand.

This coverage reduces by two percent per month for 50 months, at which time coverage will end. Premium payments are \$.975 per \$1000 between ages 55-59 and \$1.842 per \$1,000

between ages 60-65. Premium payments stop at age 65.

Option C - Family

The amount of Option C-Family insurance is \$5,000 upon the death of a spouse and \$2,500 upon the death of an eligible child. When you attain age 65, the amount of coverage for your spouse and each eligible child will begin to reduce by 2% per month for 50 months, at which time coverage will end. Premium payments are \$3.79 each month between age 55-59 and \$6.07 per month between age 60-65. Premium payments stop at age 65.

Decisions on what life insurance coverage you will need can be difficult. Your PMA team is available to discuss life insurance issues. Please give them a call if you have any questions.

NEXT WEEK look for an article on FERS retirement provisions.



*Additional parts, services and labor are often needed at substantial extra cost

As a preliminary event for the 1992 Point Mugu Air Show, Oct. 10 through 11, the Point Mugu Officers Wives' Club is hosting a live and silent auction featuring local artists. This event, with an emphasis on aviation art, will be accompanied by wine tasting, featuring a California vintner











October 1, 1992

THE ROCKETEER



How do I know that I am getting the best value for my money when I purchase an item from a SPEDI contract? This question goes to the heart of not only SPEDI, but the entire procurement process, and, like so many things in today's complex world, does not have one simple answer.

Consider first, the actual value of the item as you hold it in your hand. Would you buy it for your personal use at the price paid by the government? If it passes that test, you might then look to other sources to see if it, or an item of equal quality, might be obtained at a better price. Beyond this, other tangible values might be looked at such as scope and length of warranty, shipping and handling charges, time of delivery, etc.

This type of value analysis should be accomplished by everyone who spends tax dollars, regardless of whether the product is a \$20-million-dollar unique piece of hardware or a \$5 notebook. If the value received does not justify the price paid, immediate notification must be made to the contracting activity responsible for the acquisition.

So far, this is pretty straight forward yes? No!! Suppose there are other costs associated with the purchase such as a three percent surcharge and VAX

charges? Now the \$5 notebook costs the end user \$6 and, on top of this, it is available from a local vendor at \$5.75. Bummer.

Is \$6 still the best value to the government since it is 25 cents more than downtown? Here is where some intangibles enter the formula. First, to buy the item at \$5.75, some other form of government purchase instrument must be used (purchase order, bankcard, etc.) and there are costs associated with these methods even though they may not be as apparent as the above costs. If the item is not on the shelf, delivery time may be another consideration and convenience of placing the order and having to physically pick it up become additional considerations

Moving further down the spectrum of intangible savings are such things as ease of receiving and paying because of the automated processes, savings derived by not stocking the item in a government warehouse and tracking provide by the SPEDI database which has greatly increased control of hazardous material and plant property items while reducing associated administrative costs. In one form or another, each of these items translates to corporate savings for the Naval Air Warfare Center Weapons Division.

The bottom line is that you, the end user, are responsible for ensuring that the government receives the best value for its money. In these difficult times of reduced budgets and resources, we must all be prudent in our use of public funds. The buck may come out of your pocket or it may come out of mine, but the reality of the matter is that it comes out of our corporate pocket!

If you have questions or would like further information on this subject, contact the SPEDI Operations Division (Code 257/C657) at 939-0889.

Security classification guide for post-Operation Desert Storm information available

New DoD security classification guidance for post-Operation Desert Storm information is now available from Information Security. China Lake employees needing this guidance are asked to contact Wendy Bryan at 939-0987.

Point Mugu officers wives to host art auction Oct. 7

The art auction and wine tasting will be held at The Point Restaurant, located just outside the Point Mugu Main Gate (off Wood Road exit, Pacific Coast Highway) at 6:30 p.m. Wednesday, Oct. 7. Cost is \$10 per person, and the admission fee can be applied towards any art purchase. Heavy hors d'oeuvres will be served.

Tickets are available at Point Mugu's Information, Tickets & Tours Office, located in Mugu's Pizza & More restaurant (also just outside the Main Gate, off Wood Road exit PCH)

For more information on the event, contact the 1992 Air Show coordinator, Don Lewis, at (805) 989-8094.

Point Mugu plans air show Canadian Snowbirds, Stealth Fighter highlight the event

Point Mugu's 1992 Air Show, slated for Oct. 10 through 11, will offer a variety of military aircraft performing in the air and on display.

The U.S. Air Force F-117A Stealth fighter and the B-1B Lancer, a swingwing bomber, are making their first appearance at Point Mugu.

Point Mugu's F-14 Tomcat and F/A-18 Hornet pilots will be on hand to answer questions about their aircraft during the two-day event. And the Navy's new F-14D Super Tomcat will fly and demonstrate to air show spectators why the F-14D is the top-of-theline fighter aircraft.

The AV-8B Harrier II (sometimes called a "jump jet") will capture the imagination of air show visitors with its helicopter-like flight capabilities.

Firefighting capabilities of the 146th Tactical Airlift Wing (146 TAW) from Channel Islands Air National Guard Base next door to Point Mugu will also be demonstrated when Air National Guard C-130 Hercules aircraft take to the sky.

Another visitor from the U.S. Air Force, the A-10A Thunderbolt, a closeair support jet, will also fly over air show crowds. It was the A-10A that was so successful in destroying hundreds of Iraqi tanks during Operation Desert Storm

For the civilian aircraft performers, the 1992 Point Mugu Air Show has booked the Canadian Snowbirds, a nineaircraft team with a dazzling performance. Their Canadian-built CT-114 Tutor jets are high performance, and should bring spectators to their feet for the length of the team's demonstration.

This will be the Canadian demonstration squadron's first visit to Point Mugu. "We're excited," said Don Lewis, air show coordinator. "We believe there will be no finer show anywhere in the country this year. The show promises to be top notch.

Joining the Snowbirds and other military aircraft will be several civilian per-

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formers, including Bill Beardsley and the Bud Light Micro Jet (the world's smallest jet aircraft), former national aerobatic champion Wayne Handley, Oxnard stunt pilot Joann Osterud, and the Red Baron Stearman Squadron. The squadron, which flies four Stearman biplanes, is also making its first appearance in Ventura County.

Les Shockley and his jet-powered Peterbuilt truck "Shockwave" will also perform. The smoke and fire from Shockley's truck sets up an audience for his 300-mile-per-hour dash down the Point Mugu runway.

Karen Tobin, a rising young country star whose album "Carolina Smokey Moon" was recently released by Atlantic Records in Nashville, will headline a barbecue and evening show Saturday night, Oct. 10, at Point Mugu. Tickets for the show can be purchased for \$15 each at the Point Mugu ITT ticket counter at Mugu's Pizza & More Restaurant, just outside Point Mugu's main gate off Wood Road.

Bleacher seat tickets can only be purchased on air show days for \$5 each at the bleacher entrances. Box seats are \$15 in advance, \$20 at the show. Admission to the "Flight Deck Club" is \$25. All tickets (except bleachers) can be purchased in advance at the Point Mugu ITT ticket counter.

On Sunday, air show visitors will have the opportunity to eat a brunch at the Surfside Facility from 8:30 to 10:30 a.m. The buffet brunch will cost \$7.50 per person, and reservations are suggested and can be made by calling (805) 989-7507

Numerous concession stands manned by military and community volunteers from various charitable organizations from within Ventura County will be available. There is no admission charge to enter the base or to view the air show. For more information, please contact the NAWS Point Mugu Public Affairs Office at (805) 989-8094.

Call 371-2378 today!



October 1, 1992



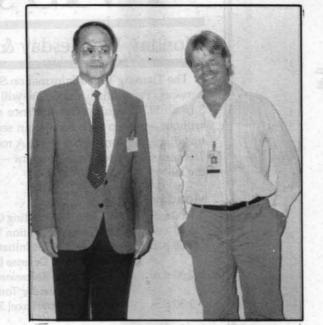
Pharmacy, Desert Empire Fairgrounds, Eastridge Market, T.J. Frisbee Bicycles, Food For Thought and KLOA Radio

THE ROCKETEER — OCTOBER 1, 1992

Seventy-nine China Lakers honored for completing academic programs



MASTER OF SCIENCE IN ADMINISTRATION, CSUB - Graduates attending the recognition include (not in order) Brian Abel, Code 213; Mary Adams, Code 3112; Mark Backes, Code 6109; William Capps, Code 315A; Dawn Cody, Code 2836; Marcia Crabtree, Code 28402; Michelle Crabtree, Code 2833; Bret Jacobson, Code 6447; Pamela Lochhead, Code 004; LCdr. Michael Mohn, Code 39B11; John Puppet, Code 25; Russell Rudin, Code 3944; Gary Schmidt, Code 6213; Diana Sliva, Code 35021; Jim Waples, Code 254; Mark Wice, Code 256; Lt. David Harmon, Code 35B3; and Edward McCool, non-government. China Lakers not able to attend the function include Sandra Bousack-Rumph, non-government; Annie Chandler, Code 3513; Julie Crews, non-government; Lt. Eric Disher, former China Laker; Rene Lemonnier, Code 39B10; and It John Zora former China Laker



MASTER OF SCIENCE IN COMPUTER SCIENCE, CSUC - Richard Toal (right), Code 3032, stands with Dr. Orlando Madrigal, Cal-State University, Chico, representative.



LONG-TERM TRAINING, FELLOWSHIP GRADUATES -

Dr. Ronald Derr, FY92 chairman of the China Lake Fellowship Committee, proudly watches as "his" students are honored. Students are (1 to r) Brenda Allen, Code 3593; Douglas Blanchard, Code 3593; Brian J. Wolfe, Code 3526; Scott M. O'Neil, Code 35E; James D. Boston, Code 2803; Dale S. Bruno, Code 64232; Joseph T Chesney, Code 3146; Cary D. Fairchild, Code 3941; and Chu C. Chung, Code 36214. Graduates not pictured are Charles D. Creusere, Code 3573; Robert B. Jense, Code 3158; Timothy E. Johnson, Code 3145; Curtis . Kidner, Code 38137; Ellen M. Klotz, Code 252; Richard C. Scheri, Code 3647; and Donald E. Whiteman Jr., Code 6423.



Captain Douglas Cook and Bill Porter congratulate students and academic institutes on their success

By Peggy Shoaf

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Ceventy-nine China Lakers, who successfully completed various Dacademic programs sponsored by the China Lake site of the Naval Air Warfare Center Weapons Division were recognized last week during a special "Graduate Recognition" gathering in Michelson Lab.

Honoring the students were Capt. Douglas W. Cook, NAWCWPNS Vice Commander, Bill Porter, NAWCWPNS Deputy Commander for Research and Development and representatives from the various China Lake-sponsored academic programs. Representatives included Dr. Gregg Dixon, Chairman of the

Mechanical Engineering Department School of Engineering and Computer Science from Cal-State University Northridge; Dr. Orlando Madrigal, Chairman of the Computer Science Department of Cal-State University, Chico; Dr. David Ost, Dean of Extended Studies and Regional Programs for Cal-State University, Bakersfield; Dr. Ronald Derr, FY92 Chairman of the China Lake Fellowship Committee; and Ann Kurotori, acting head of the Equal Opportunity and Employment Division.

"Last year I stated change is constant and necessary for improvement," the Vice Commander told the graduates and school representatives attending the recognition. "That is still true today and will be true next year, although I will readily admit

that some of you feel that the process of change right now is not necessarily improving things. Bear with us. So as we make changes, let us do so with an expectation of opportunity rather than apprehension," Capt. Cook urged the graduates

"And certainly, excellence survives on the vehicle of change, the right kind of change," he continued. "And the right kind of change that creates the potential for excellence is what this event today is all about. You, the graduates. You have done more than obtained a goal, you have grown and you have changed for the better. Continue to grow here. Help maintain our reputation for superior projects. Do that by catching a vision for what is possible. Pursue it, embrace it and

then you will deliver the highest quality product to our customers.

"Remember that

as others laud you

and this organization

back. Each one of you can make a difference. We salute you and we are proud to have you aboard." - Capt. Douglas W. Cook

for excellence, in our own eyes we should always view excellence as that which appears within our reach but slightly beyond our grasp. So when others are satisfied with our products, we are not. That is a healthy discontent," the captain said.

"No matter where individuals may be at with regard to their professional and educational development, there are. training and educational programs to take them further," Capt. Cook said. "The

achieved," he concluded.



COOPERATIVE EDUCATION - Ann Kurotori (far left) and Melissa Lytell (far right) flank the Co-op graduates (not in order) attending the recognition, Yvonne Frame, Code 3595; Yolanda Hernandez, Code 64306; Patricia Hoffecker, Code 3931; Walter King, Code 3955; Brian Lindsey, Code 3143; Michael Phillips, Code 3144; Cherry Rivera, Code 225; Denise Tracy, Code 224; Crystol Jones, Code 3912; and Carol Kight, Code 35B5. Graduates not attending include Wayne Bechtel, Code 3945; Michael Franklin, Code 3515; Max Gunther, Code 6133; Brian Hayes, Code 3647; Michael Nurnberger, Code 35203; Manuel Pelayo, Code 2663; Neil Stoner, Code 2663: Tina Tsubakihara, Code 2833; and Teague Williams, Code 3442

Photos by Terry Pascarella

CSUB BACHELOR OF SCIENCE IN BUSINESS ADMINISTRATION GRADUATES Dr. David Ost. Cal-State

University, Bakersfield, representative flanks (1 to r) Mary Jacobs, Code 354; Jean Ann Shull, Code 253; Linda McCauley, Code 2741; Bonnie Tucker, non-government; and James Tucker, Code 31804. Not attending the recognition are Stanley Caine, Code 36522; and Sylvia Enriquez, Code 2862.

CSUN MASTER OF SCIENCE IN ENGINEERING GRADUATES - Dr. Gregg Dixon (far left), Cal-Stat University, Northridge, representative, flanks the CSUN graduates, Chhan, Code 3935; Chu Chung, Code 36221; and Steve Meyer, Code 64242, recipients of the electrical engineering option. Not shown are Adrian Caballero, Code 3153; Ted Dusak and Fred Dzialo, non-government. Second from right, Kurt Reese, Code 3522, chose the mechanical engineering option, along with (not pictured) Robert Flores, Code 3594; and Tim Richards, Code 3513. Scott Weed (far right), Code 3941, picked the systems engineering option.



"Go forth and give something

attest to that fact. Every employee can be assured they will be afforded equal opportunity to

represented here

develop their skills, knowledge and abilities so their potential may be

Captain Cook then urged the representatives of the educational institutions present at the recognition to take back this message to the schools, "We appreciate the work you are doing and we believe you are producing quality graduates. So I applaud each and every one of you and ask that you continue to

put forth your best efforts to carry forth the rich heritage of China Lake."

Bill Porter also congratulated the graduates on their success. "The Naval Air Warfare Center needs individuals like the graduates here today," he said. "People who are willing to devote their time and energy in improving their knowledge and skills and in so doing, strengthening their contributions to the NAWCWPNS. For NAWCWPNS China Lake to stay on the cutting edge of weapons RDT&E, there is a need for employees to grow and achieve and contribute. NAWCWPNS China Lake needs academic institutions like the universities represented here today. Schools that view our employees as we do, as our most import resource and our most

valuable resource to be developed, and are willing to participate in that development."

After all the graduates were introduced by representatives of their respective schools or programs, Capt. Cook once again addressed the graduates, asking them to give back to the community some of the knowledge they have gained to the local school district, Sierra Sands. "There is a crisis here, mind you," Capt. Cook told the graduates. "That is not to say that we don't have some absolutely outstanding teachers and an awful lot of people working very hard, but our infrastructure is diminishing. We are seeing significant cuts in that budget."

To help deflect some of those budget cuts, the Center has just signed a memorandum of understanding with

Sierra Sands School District to export some of its technical capability to the district in the form of computer loans and basic supplies, such as paper and pencils, Capt. Cook noted.

"We would also like to have some of our gifted people who have the time to go out and help these (young) people," he said. Because what we are seeing in our country today, whether it is car jackings, riots, theft, drugs, or graffiti, is a manifestation of a loss of hope and lack of focus and is something we can do something about. We in our community and in China Lake can make a difference. Go forth and give something back. Each one of you can make a difference. We salute you and we are proud to have you aboard."

support as well as other technical projects assigned by the project director. The incumbent will interface with NAVAIR, several NAWCWPNS organizations, MCAIR, and other prime contractors, and other Navy field activities. The incumbent will be responsible for schedules, budgets, monitoring and coordinating technical work, and making presentations to sponsors and NAWCWP-NS management. Job-Relevant Criteria: Knowledge of aircraft systems including avionics and the system engineering process; knowledge of weapons systems integration; ability to comprehend and coordinate a large number of cor technical duties; ability to communicate in writing; ability to communicate orally. Permanent Change of Station (PCS) is authorized. The full perfor-mance level of this position is DP-4. This ad opens on 2 October 92 and closes on 16 Octobe

No. 21-003, Engineering/Electronics Techni-clan, DP-802/856-3/4, Code C2103 - This position is the Deputy Program Manager in the AV-8B Weapons System Support Activity (WSSA). The incumbent will support and represent the project director in execution of all technical and administrative activities. The incumbent will further be responsible for the technical administration of the NAWCWPNS McDonnell Douglas Aircraft Co. multi-million dollar contract. The Deputy Program Manager will be the technical project leader of the Doubted black and the second Day Attack Harrier configuration and aircrew trainer software support as well as other technical projects assigned by the project director. The incum-bent will interface with NAVAIR, several NAWCW-PNS organizations, MCAIR, and other prime con-tractors, and other Navy field activities. The incumbent will be responsible for schedules, budgets, monitoring and coordinating technical work, and making presentations to sponsors and NAWCWPnanagement. Job-Relevant Criteria: Knowledge of aircraft systems including avionics and the system engineering process; knowledge of weapons systems integration; ability to comprehend and coordinate a large number of complex technical duties; ability to communicate in writing; ability to communicate orally. Permanent Change of Station (PCS) is authorized. The full perfor-mance level of this position is DP-4. This ad opens on 2 October 92 and closes on 16 October 92.

No. C25-001 Supervisory Interdisciplinary (General/Mechanical/ Electrical/ Electron-ics/Aerospace Engineer/Physicist/Operations Research Analyst/Mathematician/Computer Scientist), DP-801/830/850/855/861/1310/1515/ 1520/1550-3/4, Code 36251 (C25251)- This position is that of Head, Strike Warfare Analysis Section in the Missile Guidance Branch, Systems Engineering Division, Engineering Department. The section conducts analysis of strike and antisurface weapons performance requirements. The incumbent will be responsible for the management, supervision, administration and leadership of the section, and for significant technical duties tensive travel is required. Job-Relevant Criteria: Knowledge of strike and anti-surface warfare weapons, delivery systems, operations and testing; knowledge of strike analysis meth-ods; knowledge of missile guidance; ability to plan, organize, coordinate and manage a technical program; knowledge of affirmative action prin-ciples, including a willingness to implement EEO practices; ability to communicate in writing. umbent must be able to obtain and maintain Top Secret Clearance. The individual selected for this position will be subject to urinalysis testing for the use of illicit drugs. See "Notice Regarding Drug Testing Designated Positions" in es box. The selected may be required to serve a 1- year supervisory probationary period. Promotion potential to DP-4, but not guaranteed. Previous applicants who applied to 36-010 need not apply. This ad closes

9 October 1992

No. 29-001, Security Assistant (Typing), DG-086-2/3, Code C29B7 - This position is located in the Advanced Systems Development Office of the ntercept Weapons Department. The incumbent will primarily provide assistance in document control. The incumbent will also be responsible for assisting in the day to day operations of the office in a variety of areas, such as record manage ment, security management and administrat support. Knowledge and working skills on the MacIntosh computer are desirable. Job-Relevant Criteria: Knowledge of NAWC Security policies and procedures; ability to communicate orally and in writing; and the ability to deal effect tively with all levels of personnel. Incumbent must be able to obtain and maintain a Top Secret clear ance based on a special security background investigation. Any applicant tentatively selected for this position will be required to submit to urinalysis testing for illegal use of drugs prior to a final selection. See "Notice Regarding Drug Testing Designated Positions" in "Promotional Opportunities" box above. Promotion potential is to a DG-3, but not guaranteed.

No. 32-009, Supervisory Interdisciplinary (Mechanical/Aerospace/General Engineer/ Physicist), DP-830/861/801/1310-3/4, Code 3271 - Incumbent serves as Head, Missile Performance Branch, Code 3271 (C2771) in the Propulsion Systems Division, Ordnance Systems Department. Incumbent is responsible for the management, supervision, and administration of the Branch involved in analyses and computer simulation of current and advanced missile systems, placing emphasis on the propulsion system and vehicle flight performance. Additional responsibilities include trade-off studies and analyses to nine conceptual aeropropulsion designs that satisfy specific mission requirements: examination of Navy missile propulsion technology to identify areas where future development may be warrant ed; and assisting a large number of Navy missile programs involved in the development of new systems as well as programs seeking to develop improved versions of their current missiles. Job-Relevant Criteria: Knowledge of the Navy's RDT&E process and organizations; knowledge in the fields of operations research and systems analysis as they pertain to naval operations and systems; knowledge of computer simulations as applicable to current and advanced missile sys ms; knowledge of affirmative action princip including a willingness to implement EEO practices; ability to plan, organize, coordinate, and manage analyses on technical programs; ability to make formal presentations on the technical work to Center and Systems Command management: ability to communicate orally; ability to communicate in writing. Must serve a 1-year supervisory probationary period if not previously completed. Permanent change of duty station (PCS) is not authorized. Full performance level is DP-4. This ad opens on 2 October 1992 and closes on 16 October 1992

No. 34-029, Supervisory Technical Publications Writer/Editor (PS&E), DP-1083-3, Code 3411 - This position is located in the Technical Information Department, Publications/Graphics Division, Publications Branch. The incumber responsible for writing and editing technical and administrative reports, articles, and brochures in addition to supervising a small staff. Incumbent coordinates phases of the publication process identifies publications requirements in support of RDT&E and Command for the NAWSWPNS and works closely with the Publications Program Office. Job-Relevant Criteria: Knowledge of publication techniques; knowledge of grammar; ability to write and edit technical material using ability to write and edit technical material using specialized skills; ability to supervise and provide

leadership; ability to implement and administer management policies; ability and willingness to support NAWC EEO policies and goals; and the ability to communicate both orally and in writing. Incumbent may have to serve a 1-year superviso-ry probationary period. Full performance level is DP-3. Permanent change of station (PCS) expenses are not authorized. This ad will closed 9 October 1992

No. 39-020, Supervisory Interdisciplinary (Civil/ Mechanical/Electrical/Aerospace Engineer/Physical Scientist/Physicist), DP-810/830/850/861/1301/1310-3/4, Code 39B8 -This position is that of Deputy Manager, Sparrow Project Office. It is located in the Intercept Weapons Department, Weapons Directorate China Lake site. The Sparrow Project Office is responsible for oversight of all technical aspects of the Sparrow Missile Program including Conceptual design; engineering development transition to production; production support; test and evaluation; test equipment; logistics; and in-service engineering. The incumbent will perform in a supervisory role, performing technical as well as administrative duties. In the absence of the Project Director, the Deputy will perform a full range of managerial duties including being the pri-mary point of contact for NAVAIR and NAVSEA sponsors. The position oversees all activities at both the China Lake and Point Mugu sites. Job-Relevant Criteria: Knowledge of Air-to-Air and Surface-to-Air missile technology; knowledge of production support: knowledge of test equipment and logistics; knowledge of personnel policies and procedures; knowledge and understanding of DoD 5000 series and the acquisitions process, the consolidation of NAWC and the role of th Project Office; ability to interface effectively with all levels of NAWC management, program offices Systems Command customers and contractors ability to lead: ability to communicate effectively both orally and in writing; and the ability to suppor NAWC, Weapons Division EEO policies Incumbent may have to serve 1-year supervisory probationary period. Promotion potential to the DP-4 level, but not guaranteed. Permanent change of station (PCS) expenses are not authorized. This ad will close 9 October 1992

No. 39-021, Supervisory Interdisciplinary (Electronics/General Engineer/Physicist/ Computer Scientist/Mathematician), DP-801/855/1310/1520/1550-3/4. Code 3943 - This position is Head, Advanced Signal Processing Branch, Electro-Optics Guidance Division Intercept Weapons Department. The incumbent manages and provides technical direction for the design, analysis, test and subsystems for use in anti-air missiles The branch provides electro optical signal processing ability tech NAWC, Weapons Division, Job-Relevant Criteria: Knowledge and demonstrated under standing of the electro-optical signal processing discipline; ability to perform design, analysis, test and evaluation of electro-optics guidance and target acquisition subsystems for use in anti-air mis-siles: ability to coordinate/control of the subsystems siles; ability to coordinate/negotiate with Center, Navy, DOD and contractor organizations in defining technical and management objectives and controlling/reporting processes; ability to supervise an interdisciplinary professional work force; ability to communicate both orally and in writing; and the ability and willingness to support NAWC EEO policies and goals. Incumbent may have to serve a 1-year supervisory probationary period. Full performance level is DP-4, but not quaranteed. Permanent change of station (PCS) expenses are not authorized. This ad will close 9 October 1992

No. C61-001 Payroll Clerk/Assistant, DG-544-A/1/2, Code C6143, Multiple Vacancies, Area of consi

eration: Current appointable employees

NSTEP POSITION AVAILABLE

JOB-RELEVANT CRITERIA:

a. Ability to provide scientific, technical, and professional engineering advice and guidance on substantive technical aspects of the overall S&T

b. Ability to analyze resource support including staffing, funding, and capital investment required to carry out an S&T program fully responsive to NAWC requirements

c. Ability to work with technology base pro-gram mangers in the Aircraft and Weapons Divisions to ensure NAWC S&T program interests ad closes on 15 October 1992.

The NAWCWPNS/NAWS Announcements, published by the Technical Information Department (Code 34/C64), 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 212, TID Building (Ellen Mahoney, Code 3411/C6411). Items may be sent to Code 3411(C6411), or by FAX to 939-0945, Code 3411(C6411), ATTN: Ellen Mahoney, or mailed electronically to TID:ANC via the VAX. Any questions regarding the Announcements may be directed to Russell Bushnell,

October 1, 1992

of NAWCWPNS. This position is located in the Payroll Branch, Customer Services Division, Office of the Comptroller. The incumbent is responsible for the maintenance and processing of time, leave, and payroll records. Job-Releva Criteria: Knowledge of payroll systems; skill and accuracy in dealing with numbers; ability to learn computerized payroll systems; ability to interact with all levels of customers in a positive manner; ability to communicate both orally and in writing: ability to perform effectively under constant deadlines and pressure situations. Permanent Change of Duty Station (PCS) is not authorized. Promotion potential to DG-3. This ad opens 2 October 1992 and closes 16 October 199

No. C61-002 Fiscal Accounting Clerk/Assistant, DG-503-1/2, Code C6145, Multiple Vacancies, Area of consideration: Current appointable employees of NAWCWPNS. This position is located in the Dispersing Branch, Customer Services Division. Office of the Comptroller. The incumbent will be responsible for, under the direction of the Dispersing Officer. validation and disbursement of civilian payrolls, travel advances and claims, vendor payments, public vouchers, deposits and collections. Job-Relevant Criteria: Knowledge of Navy Industrial Fund accounting principles; knowledge of docunent entry systems; knowledge of Dispersing and Accounting System; ability to work under pressure. Permanent Change of Duty Station (PCS) is not authorized. Promotion pote tial to DG-3. This ad opens 2 October 1992 and closes 16 October 1992

No. C61-003 Travel Clerk, DG-503-1/2, Code C6144, Multiple Vacancies, Area of considera-tion: Current appointable employees of NAWCWPNS. This position is located in the Travel Branch, Customer Service Division, Office of the Comptroller. The incumbent is responsible for processing travel orders, and processing travel claims for reimbursement of expenses by civilian employees involved in temporary duty station and/or permanent change of station. Job-Relevant Criteria: Knowledge of travel systems; skill and accuracy in dealing with numbers; ability to learn computerized travel systems: ability to nteract with all levels of customers in a pos manner: ability to communicate both orally and in writing. Permanent Change of Duty Station (PCS) is not authorized. Promotion potential to DG-3. This ad opens 2 October 1992 and closes 16 October 1992

No. 84-001 Police Officer, GS-083-6, Code 8413 - This ad establishes a temporary promotion list from which Field Training Officer (FTO) positions will be filled not-to-exceed one year. The selections may be made from this list, as necessary, through 28 February 1993. Applicants who do not meet the statutory (Time in Level) require ments but will meet those requirements during the term of this list, may apply but will not be placed on the list until those requirements are met. The FTO position is located in the Operations Branch of the Law Enforcement Physical Security Division, Safety and Security Department. In addition to performing a full range of Police Officer duties, the incumbent will be responsible for development, implementation, monitoring and assessment of new recruits. The incumb work one of three shifts. Intense training will be performed on a one-to-orie ratio. Incumbent must demonstrate diverse skills and in-depth knowledge of law enforcement and the ability to convey that knowledge. Job-Relevant Criteria: Knowledge of training and evaluation techniques ability to develop training plans; knowledge of Federal and state laws, administrative rules, policies and procedures. This ad opens1 October 1992 and closes 8 October 1992. Position is at the full performance.

are fully represented in Washington. d. Ability to conduct special studies for the Director of S&T that cover future technology base

planning and resource requirements. NSTEP positions are lateral reassignments for current GM-13/14/15 and DP-3/4s. Interested

applicants should file a Standard Form 171 with Personnel. Questions concerning these positions should be directed to the NSAP/NSTEP Program

11-12



AFB

under this contract.

YOUR SYSTEM MUST BE ON THE CON-TRACT INVENTORY TO RECEIVE SERVICE UNDER THIS CONTRACT.

If you wish to add or delete Data General Computers (with DG or third-party peripherals) to or from this contract, please contact Linda McCauley, Code C6331, at 939-0614. (C6331)

uration for on-call systems. A 10.4% service charge is applied to the total contract costs for the Code C6331 service center. SUN hardware maintenance is one of 12 con-

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 or medical emergencies and anticipate being in a leave without pay status for at least 80 hours. Employees who wish to help a leave recipient may donate annual leave to the employee by submitting a completed NAVWPNCEN Form 12630/16 (Request to Donate Annual Leave to Leave Recipient). This form is available at Shop Store (Tel-mart). A copy of your leave and earning statement is NOT required. Send your form to Code 221. For additional information please call Cindy Smith at 939-2018.

13 1811

win -

15853

3208

Code 3934

Naval Scientist and Engineer Training Program (NSTEP), Interdisciplinary, GM or DP-801, 855, 861, 1310, 1520, 1550 13/14/15 or DP-3/4. NSTEP provides for long-term training (not to exceed 1 year) to a GM-13/14/15 or DP-3/4.

This announcement is for a 1-year assignment to the Office of Director, Science and Technology, Naval Air Warfare Center Headquarters in Washington D.C. Applicants must have a broad technical engi-

neering and management background and expe-rience with acquisition programs. Be familiar with

Code 3415(C9425).

SYSCOMs, OPNAV, OCNR, and other Navy Laboratory/Center communities. The incumbent will work directly with and provide support to the Director of Science and Technology on Special S&T studies with NAWC and will interface with ONR, ONT, and NRL on technology base pro-gram execution and evaluation. The incumbent will assist the Director of S&T in providing a focal for NAVAIR. A secret security clearance is required. Applicants should have 3-5 years expe-rience at NAWCWPNS.

October 1, 1992

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

Submit items to: Code 3415(C9425): FAX 939-0945 or E-Mail to TID:ANC

DATA GENERAL ADP/FIP HARDWARE MAINTENANCE

The Contract Coordination Branch (Code C6331) has a Centerwide contract for mainte nance, repair, and preventive maintenance of Data General ADP/FIP hardware and attached peripherals. This contract is not mandatory and was initiated to provide primary or alternative service support. Contractor: Telos Corporation at Edwards

Trouble Desk: (800) 888-5721 Technician: Quinton Smith

Contract number: N60530-89-D-0283 Current period of performance: Through 30

September 1993 (plus one more 1-year option). Per-call and on-call support are both available Cost: \$80 per hour plus parts/materials with a

2-hour minimum for per-call systems. A fixed monthly charge is assessed by configuration for on-call systems.

A 10.4% service charge is applied to the total contract costs for the Code C6331 service center. Data General hardware maintenance is one of 12 contracts in the General Support Account (GNS) Support costs for this account are Labor \$49.3K. Contracts = \$682K. Transfers = \$13.5K Data Entry Support = \$8K. Total Code C6331 support costs divided by total contract costs provide the formula for the surcharge amount (\$70.8K/\$682K =10.4%).

SUN ADP HARDWARE MAINTENANCE

The Contract Coordination Branch (Code C6331) has a Centerwide Sun FIP/ADP hardware maintenance follow-on contract in place for pre-ventive maintenance and repair of SUN FIP/ADP hardware and attached peripherals. This contract is not mandatory and was initiated to provide primary or alternate service support.

Contractor: Digital Equipment Corporation Contract number: N60530-91-C-0159

Current period of performance: 1 October 1992 to 30 September 1993 (plus three more 1-

year options). Per-call and on-call support are both available under this contract

Cost: \$99 per hour plus parts/materials with a 2-hour minimum for per call systems A fixed monthly charge is assessed by config-

tracts in the General Support Account (GNS). Support costs for this account are: Labor = \$49.3K, Contracts = \$682K, Transfers = \$13.5K, Data Entry Support = \$8K. Total Code C6331 support costs divided by total contract costs provide the formula for the surcharge amount (\$70.8K/\$683K = 10.4%). YOUR SYSTEM MUST BE ON THE CON-

TRACT INVENTORY TO RECEIVE SERVICE UNDER THIS CONTRACT.

If you wish to add or delete Data General Computers (with DG or third-part peripherals) to or from this contract, please contact Linda McCauley, Code C6331, at 939-0614. (Code C6331)

TEXTRONIX ADP HARDWARE MAINTENANCE

The Contract Coordination Branch (Code C6331) has a contract for maintenance of Tektronix FIP/ADP hardware and attached peripherals. This contract is not mandatory and was initiated to provide primary or alternate service to existing maintenance contracts. Contractor: EOMC, Inc.

Contract number: N60530-91-C-0135

Contract type: Per-call (time and materials)

Period of performance: Currently through 31 December 1992 Cost: Technician - \$33 per hour(1-hour mini-

mum) plus parts (22% material handling charge applicable to parts/materials replaced).

Response: 6-hour response time during the principal period of maintenance, which is Monday-Friday, 0730-1630, with a 1-hour minimum.

A 10.4% service charge is applied to the total contract costs for the Code C6331 service center. Textronix hardware maintenance is one of 12 con-tracts in the General Support Account (GNS) Support costs for this account are: Labor : \$49.3K, Contracts = \$682K, Transfers = \$13.5K, Data Entry Support - \$8K. Total Code C6331 support costs divided by total contract costs provide the formula for the surcharge amount (\$70.8K/\$683K = 10.4%).

o place a trouble call, please contact Linda McCauley, Code C6331, at 939-0614. You must have the equipment model, serial, barcode number, equipment location, problem description point of contact, alternate point of contact and

COMPANY CHANGE OF OWNERSHIP

As of 21 August 1992, General Dynamics Corporation, Air Defense Systems Division, in ona was purchased by Hughes Aircraf Company. The facility will be known as Hughes Missile Systems Company-Pomona. Visit Requests should be sent to the following address: Hughes Missile Systems Company-Pomona FSC# 99584

P.O.Box 2507

Pomona, CA 91769-2507 FAX clearances to: (714) 868-1902

SERVICES SUPPORT

To consolidate services and save Center funds via economy of scale, the Code C21 (31) Network Service delivery order servicing NAF customers will be merged with the Code C63 (27) delivery order of the same type beginning 1 October 1992. All network trouble calls will go through the Network Management Center Help Desk at 939-6661. All installations/modifications requirements must be submitted via a Communication Service Request (CSR) to Code C6314 (2714) For more details on submitting CSRs or for a copy of the Code C21/C63 Memorandum of Agreement con-cerning this merger, contact the delivery order technical coordinator, Patti Patin, at 939-2797. (Code C6311)

THRIFT SAVINGS PLAN (TSP) RATES OF RETURN According to the latest TSP fact sheet the

rates of return for the three investments were

	C Fund	F Fund	G Fund
August	(2.02)%	1.00%	.57%
Last 12 n	nonths		
	8.13%	13.25%	7.51%
*Number	s in () are ne	egative	
	Common Sto		ocks)

F Fund-Fixed Income Index (Bonds) **G** Fund-Government Securities

CONVERSATIONAL SPANISH CLASSES OFFERED

OPERED Openings are available for both the Spanish II for advanced students on Monday nights, and the Spanish I for beginners on Wednesday nights. Both classes are offered through the Sierra Sands Unified School District Adult Education on the Burroughs High School Campus, Room D-20, from 1830 to 2130. For more information please call 371-9562

BOFING'S ADVANCED SURVEILLANCE PROGRAM

Representatives from Boeing will be at NAWS, China Lake, to present a briefing on their Advanced Surveillance Program on 16 October 1992 in Mich Lab, Room B/C. The time will be from 0800 to 1200.

Since 1988, the Boeing Company has been working on an advanced surveillance concept. The concept features conformal active adaptive antenna arrays that cover all interesting frequency bands. They are backed by T/R modules, beamformers, and signal processors that support multi-ple functions: AEW, ground mapping, SAR, ISAR, reconnaissance, SIGINT, ECM, and other func-

tions that require huge antennas, sensitive ivers, and/or high ERP transmitters. For further information on the presentation, please con-tact Chuck Newmyer at 939-1074. (Code C0254)

FBIS DAILY REPORT FREE AT THE TECHNICAL LIBRARY

The Technical Library is now receiving Foreign Broadcast Information Service (FBIS) DAILY REPORTs, West Europe. The FBIS DAILY REPORT contains current political, military, economic, environmental, and sociological news, as well as scientific and technical data and reports for Europe, Greece, Cyprus, and Turkey. All information has been obtained from foreign

radio and television broadcasts interviews news agency transmissions, newspapers, books, and periodicals. The daily brochure covers West European news from June 16th to the present. Current DAILY REPORTs are available at the

Reference Desk, 939-3380, (Code 3431/C6431)

NAWC CONFERENCE CENTER CLOSED

Beginning 10 October, the NAWS Conference Center (formerly CPO) will be closed for approxi-mately 60 days while a new roof is being installed. Center Plans currently call for the facility to re-open on 14 ember 1992 if there are no delays in the project. Employees wishing to reserve rooms at the Conference Center when the project is complete should call 939-3634 and leave a message on voice mail Your call will be returned by someone from the Protocol Office as soon as possible (Code 2101/C0806)

WACOM LUNCHEON MEETING

The October WACOM Luncheon meeting will held at the Seafarer Club on Tuesday, 13 October with a social period at 1100 and lunch at 1130. The meeting will feature the song and dance of Jim and Martha Hessions and Chester Whitmore. The Hessions trace our country's pop-ular music heritage from 1900 to the 1940's. Chester Whitmore is a tap and historical jazz

Members may make reservations by calling Eleanor Bockdale at 446-6925 (Code 19)

CAREER COUNSELING AVAILABLE

Starting 16 October, a new service will be available to all China Lake employees. Each nonpayday Friday a Cerro Coso counselor will be available in the new Career and Life Planning trailer, located behind the Training Center. The or will be able to help with career decision making, educational counseling, and career tran-Individuals will have access to DISCOV sitions ER and Eureka, two computerized career and educational search programs. To schedule an appointment, please contact Marie Duff at 939-0873. Drop-ins also welcome. (Code 224)

LEAVE DONORS NEEDED

Leslie Brockwell, Electronics Technician. Code C3251.

Leslie Brockwell is indebted for leave for previous surgeries and is in need of another surgery.

Diane Richardson, Program Analyst, Code

Diane Richardson is undergoing foot surgery and will be home recovering. She is indebted for

Cheryl Braun Wheeler, Computer Specialist,

Cheryl Braun Wheeler is in need of leave due to nospitalization for physical exhaustion and to care for her husband, a diabetic who has had kidney failure and requires a transplant.

Teresa Clower, Computer Specialist, Code

Teresa Clower is indebted for leave to care for her Ann Roseman, Administrative Officer, Code Deborah A. Birch, Secretary, Code 642A husband who is undergoing numerous nerve blocks and having surgery to implant a spinal cord stimulator.

Jesse Ray Lewis, Jr., Police Officer, Code 2413. Jesse Ray Lewis, Jr., has been off work for several months as a result of back surgery and its com-

Gloria Dominguez, Program Analyst, Code 28503

Gloria Dominguez was hospitalized and has exhausted all of her leave.

Jan Slater, Security Assistant, Code 2433. Jan Slater suffers from pseudotumor cerebri. She had brain Shunt surgery to reduce brain swelling and will be home recovering

3104. Ann Roseman is undergoing surgery and is in need of leave.

Beth Schuchman, Payroll Clerk, Code 2853 Beth Schuchman is indebted for leave to care for

her infant son. He is undergoing continuous test-ing and intermittent hospitalization. She is a single

Rosemary Langley, Secretary, Code C01 Rosemary Langley is recovering from surgery and is currently undergoing radiation treatment and chemotherapy.

Sharon Morgulec, Engineering Data Management Specialist, Code 36521 Management Specialist, Code 36521 Sharon Morgulec had surgery and has exhausted

Deborah A. Birch received treatment for breast cancer and is indebted for leave.

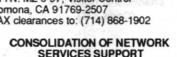
Alvina S. Quintanilla, Contract Specialist, Code 254 Alvina S. Quintanilla is undergoing daily radiation

therapy for inoperable cancer of the naso-pha VOX.

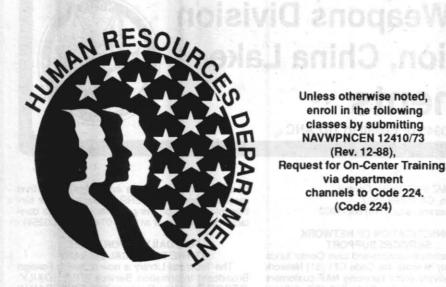
Trisha Chan, Program Manager, Code 3402 Trisha Chan needs leave to care for her husband who is terminally ill with cancer.

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 ent for Acute Lymphatic Leukemia.

1B



ATTN: MZ 6-97, Visitor Control



SOFTWARE DEVELOPMENT/ACQUISITION USING DOD-STD-2167A (16 hrs.) 27-28 October: Tuesday-We 1630; Training Center. By: Jim Dorrell, Code

3901C. Intended Audience: Managers, scientists,

- engineers, technicians, and support specialists. This course will present an overview of soft-
- ware development and acquisition and the use of DOD-STD-2167A in that process. Topics covered include the following:
- · Overview of software development/acquisi tion process
- Software engineering & management Software life-cycle
- · Classic vs. real world
- Concept to Operational Support Phases
- Software testing concepts
 DOD-STD-2167A

2**B**

- Documents
- Software coding standard nship to TADSTANDS
- Software Documentation
- Software Configuration Management
- Software Reviews & Audits Software Quality Assurance
- Deadline: 13 Octo

WEAPONS SYSTEMS PLANNING (8 hrs.) 10 November; Tuesday, 0800-1600 Training Center. By: Dr. Richard Kistler, Code 3004

uired for enrollees in the SEC Program. The course approaches the topic of weapons systems planning in the context of how it really happens — the importance of informal organiza

tional relationships: the marketing of new con cepts; and the role of the Navy's for structure, which is often necessarily more reactiv than proactive. A number of recent planning studes that may be seen as influential are reviewed The process required for getting a new system into the Navy budget is discussed. The DNL indi-vidual and corporate planning efforts are described.

Deadline: 27 October

EO/IR MMW PHENOMENOLOGY (24 hrs.) 16-18 November; Monday-Wednesday 0800-1600; Training Center. By: Dr. Lawrence

A Klein

Topics covered in this course are: 1. Multiple Sensor System Concepts and Design Tradeoffs 2. MMW Radar Sensors

- 3. MMW Radiometer Sensors 4. Height Profiling Using FMCW Radar ntermediate Frequency (IF) Data

5. Impact of Jamming 6. Infrared Passive Sensors

- 7. Military Applications of Laser Radar 8. Windows/Domes for Dual-Mode Sensors

EMC/EMI (4 hrs.)

18 November; Wednesday, 0800-1130; Training Center. By: Robert Christiansen, Code 36654.

REQUIRED FOR ENROLLEES IN THE TMC OR SEC PROGRAMS

This class provides managers responsible for the design, development, and acquisition of DOD platforms, systems, and equipment with the information and guidance necessary to plan and implement an effective program to achieve the neces sary degree of EMC.

Note: Because of increased emphasis on E3. program managers and engineers should considr attending this course.

Deadline: 4 November.

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

(Code 224)

INTRO, TO SOFTWARE MANAGEMENT (8 hrs.) 17 November; Tuesday, 0800-1600; Training Center. By: Dennis Farrell, Code

350 REQUIRED FOR ENROLLEES IN THE TMC PROGRAM.

Topics include: Development process; past, present, and possible future technology and its effects; organizations involved; official guidance instructions, standards, and specifications; documentation acquisition; detailed consideration; and nagement approaches and problems. Deadline: 3 November.

PROPULSION SYSTEMS (20 hrs.)

23-25 November; Monday-Tuesday, 0800-500; Wednesday, 0800-1130; Training Center. y: Ron Dettling, Consultant, Coordinator. REQUIRED FOR ENROLLEES IN THE SEC 1600 · We

PROGRAM. This class is designed to provide the systems engineer with an overview of the different types of propulsion systems that are used in tactical weapons: the criteria used to select the optimum propulsion type for the mission requirements; criti-cal design and development parameters, costs, risk levels; and especially, how the propulsion sysem can interact with and affect the other minor subsystems and the overall weapon. As many actual "war stories" as possible will be pres

FRESHSTART-STOP SMOKING PROGRAM (4 hrs.)

26, 29 October and 2, 5 November: Tuesday & Thursday, 1600-1700; Training Center Trailer. By: Hazel Barber, Consultant.

This course is designed to help you KICK THE SMOKING HABIT! The American Cancer Society's Freshstart program will help you stop smoking by providing you with information and strategies to direct your own efforts at stopping. The workshop will be limited to 10-15 people and will be led by a person trained by the American Cancer Society.

Enrollments are on a call-in basis Please call the Wellness Program Office, 939-2468, for nformation and enrollment

MACINTOSH FOR BEGINNERS (8 hrs.) 14-15 October, Wednesday-Thursday, 0800-

1130; Training Center. By: Marjorie Hu

Intended Audience: Beginners with little or no Macintosh experience. In this course you will learn to use the

Keyboard and the Mouse to input information to the Macintosh; change software to suit the current application; view files and folders on a data disk; select and drag icons; open icons through the file menu; activate and close windows; use Desk Accessories such as Chooser, Finder, and Calculator: use the Clipboard to transfer info tion; use some typical applications packages such as a word processor, and/or a graphic program. (Applications to be surveyed may include MacWrite or Word, MacPaint, MacDraw or MacDraft. - this class will not be able to cover tions in any detail - the student is referred to other classes offered for specific appli-

Presentation Method: Hands-On Workshop

Deadline: 7 October

ts are taken as first request received. irst approved

GRAPHICS ON THE MACINTOSH (16 hrs.)

5-8 October: Monday-Thursday, 0800-1130: Training Center. By: Olivia Francis, OVF

Prerequisite: Basic knowledge of the Macintosh operating system

In this course you will learn: the difference between Paint, Pict, Tiff and Postscript; the use of various graphic documents in an application; getting graphics into the Mac; using a paint and a draw program; using a postscript drawing editor; what to do with your graphics documents, and graphic format res Presentation Method: Hands-On Workshop

Enrollments are filled as first request received, first approved

AUTOCAD 2D (LEVELS I & II) (40 hrs.) 19-22 October; Monday-Thursday, 0730-1700; Training Center. By: Bill Elliott, Hit Return, Inc. Prerequisite: Basic DOS knowledge and fun-

damental drafting concepts. In this class you will learn to use the basic 2D

Autocad commands to draw and edit drawings; to use the utility commands: to use zoom com mands; to configure the student's hardware; hands-on plotter techniques; and external and internal references.

Presentation Method: Hands-On Workshop. Deadline: 5 October

Enrollments are taken as fist request received. first appr

C PROGRAMMING (40 hrs.) 26-30 October; Monday-Friday, 0800-1600; Training Center. By: John Francis, Code C2872 Prerequisite: A good understanding of another

high-level language such as Pascal or Fortran. This course provides an introduction to pro-

gramming in the language of C. C language dec-larations, control statements, procedures, func-tions, pointers, and Input/Output will be discussed in depth. There will be an introduction to software ing and design as part of the course. The class is structured around a hands-on programming environment on the IBM computer This includes debugging techniques and reverse engi-neering and changing a current program to per-form additional software tasks. By the end of the course the student should be able to take a software algorithm and implement in C. Presentation Method: Hands-On/Lecture Deadline: 13 October

Enrollments are taken as first request eceived, first approved

TECHNIQUES OF MEMORY IMPROVEMENT (8

15 October; Thursday; 0800-1600; Training

Center. By: Bert Barer. The workshop examines how we recall information through our senses, short term, and long term memories. Emphasis is on how effective memory influences job productivity on all levels. Lecture, class discussion and exercises examine he major factors in memory improvement: desire to remember, relaxation, mnemonic principles to remember faces, names, peg and link techniques to recall the numerical order of items, technique of recalling phone numbers, technique of remember ing what you read. Those attending will acquire skills to:

- Recall short and long lists of data. Recall names of people, phone numbers.
- Overcome absent-mindedness.

4. Use techniques such as pegs and links to remember exact order of lists of info

Remember phone numbers.
 Remember what you read.

To sign up for this class, call Pat at 939-3159.

TECHNIQUES OF EFFECTIVE LISTENING (8)

14 October; Wednesday; 0800-1600; Training Center, By: Bert Barer,

course will provide all levels of personne with the skills and principles of effective listening. The workshop examines how we retain and understand information by our ability to listen actively. Emphasis is placed on how effective listening influences job productivity of supervisors and employees. Lecture, class discussion and simulation activities will examine and apply the major factors in listening: comprehension, mes-sage retention, emotional barriers, verbal, nonverbal communication, active listening, feedback techniques, such as clarifying, paraphrasing, summarizing and reflective. Attendees will acquire these skills:

1. Concentration on messages being sent, face to face or by phone.

 Blocking out competing messages.
 Booking out competing messages.
 Convey effective verbal and non-verbal feedback to all levels of the organization, in person or on the phone.

- Overcoming emotional barriers to listening.
- Listening with comprehension. Develop feedback techniques.

To reserve a space in this class, call Pat at 939-3159

INTRODUCTION TO EXERCISE (12 hrs.) 20 October-24 November; Tuesday and Thursday, 1645-1745; NAWS Gymnasium, screte Room. By: Dana Alloway. This program will provide the opportunity for

participants to: learn how to use the exercise equipment in the ovm safely, learn and practice a stretching routine designed for relaxation and stress reduction, improve their flexibility, practice activities that lead to muscle strengthening and development, practice exercises designed to maintain a healthy back, experience the joy o movement, and gain a level of comfort and confi dence with exercise

This program is designed for people with little or no experience with exercise. Space is limited to allow individualized support.

Deadline: 8 October.

Enrollments are on a call-in basis. Please call The Wellness Program Office, 939-2468, for information and enrollment.

THREAT SIMULATION AND MODELING (40 hrs.)

26-30 October; Monday-Friday, 0800-1600;

Training Center. By: Adamy Engineering. Prerequisites: A general technical background. Some knowledge of engineering math is helpful but not required, since all technical concepts are completely explained. This is a practical course that presents techni-

cal insight into Electronic Warfare (EW) simulation

at a level that is both understandable and useful

he scope of the course ranges from an overview

of the various types of simulators to practical

details for the specification and system level design of each of the various types. It describes

hardware, software and processes in graphica

rather than mathematical terms. Then it goes on

to provide easy to use formulas, nomographs, and

calculation techniques, which allow the course

content to be readily applied to everyday technica

problems. During in-class exercises, students will

deal with real-world problems associated with each type of simulation and modeling.

VIDEO INSTRUMENTATION TECHNIQUES (24

2-4 November; Monday-Wednesday, 0800-1600; Training Center. By: Michael Pruznick and Loren Shifley, Consultants.

surements and troubleshooting video systems. The course begins by discussing various video standards and defines the resulting capabilities

ment and analysis equipment are discussed as

tools for instrumenting video systems, and how

these tools can be used for troubleshooting a sys

tem. As part of the class, field trips will be take to NAWC video facilities. During these sessions, and in coordination with the NAWC facilities man-

agers, demonstrations of various troubleshooting

and analysis equipment will be presented to the

5 November; Thursday, 0800-1600; Training

REQUIRED FOR ENROLLEES IN THE TMC

Center. By: Carol Burge and Judy Lind, Code

OR SEC PROGRAMS. Other scientists, engi

neers, and technicians involved in development

evaluation, or procurement of human-in-the-loop systems are welcomed, on a space available

This course includes information on human capabilities and limitations; the techniques used

by Human Factors researchers and engineers to gather, evaluate, and apply data; and the design

of human-computer interfaces. Human Factors

case studies of specific systems and accident

are used to illustrate the concepts discussed

the military system acquisition process is also cov-ered, and examples of Human Factors sections

for specification, statements of work, and data

SYSTEMS SAFETY (8 hrs.) 4 November; Wednesday, 0800-1600; Training Center. By: Ken Chirkis, Code 36872. REQUIRED FOR ENROLLEES IN THE TMC

OR SEC ENROLLEES. This course will include what the technical manager (not the prac-titioner) should know about systems safety: what

it is, why it's important, how it's integrated into the

3 November; Tuesday, 0800-1600; Training Inter. By: Steve Tanner, Code 3665. REQUIRED FOR ENROLLEES IN THE TMC

This course will include what the technical

acquisition program, and what elements are

ENVIRONMENTAL ENGINEERING (8 hrs.)

Presentation Method: Illustrated lectures, dis-

ments are provided.

dline: 22 Octobe

required in such a program.

OR SEC PROGRAMS

Center.

Deadline: 21 October.

cussion, and practical hands-on exercises.

How to ensure that Human Factors is included in

and limitations of video systems. Nex

Deadline: 19 October

HUMAN FACTORS (8 hrs.)

This course deals with the performing mea-

Deadline: 12 October.

October 1, 1992

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: 20 October

INTRODUCTION TO ROBUST DESIGN USING TAGUCHI TECHNIQUES (8 hrs.)

8 October; Thursday, 0800-1600; Training Center. By Dr. Robert D. Smith, Code C29103. Scope: Robust design is an efficient experi-mental strategy for identifying the best, in a well defined performance sense, set of parameters for a component, subsystem, system, or process, The technique is general in nature, and not limit ed to special areas of science and engin Robust design is used extensively by the Japanese and its use in the USA has grown considerably over the last 10 years.

Specific topics that will be covered in this course include, quality loss functions, orthogmal arrays, data analysis, experiment design, data transformations, predicting performance, and design philosophies. Nume design philosophies. Numerous examples relat-ing to work in the area of simulation and analysis done at NAWC/NAWS will be presented.

Copies of the lecture material will be provid-ed; however, no text book will be provided. The three useful reference books are:

. Quality Engineering Using Robust Design, by Phadke 2. Orthogonal Arrays and Linear Graphs, by

Wu and Taguchi 3. A Primer on the Taguchi Method, by Ranjit

Roy Reference 1 may be available at Tel-mart. If

not, it and reference 2 can be ordered from American Supplier Institute (ASI) by calling (313) 271-4200. Reference 3 must must be obtained from the publisher (Van Nostrand Reinhold) or ordered from a book store.

Note: Enrollees are asked to bring a 1" 3-ring binder to class with them. Enrollments are on a call-in basis only. To enroll or for more infor-mation, call 939-2686.

DEPLOYMENT FLOWCHARTING (8 hrs.) 27 October; Tuesday, 0800-1600; Training Center. By John Giovino, Code 626.

To understand a work process, it is helpful to depict it. One technique is process flowcharting, which allows one to examine a work process in detail. Once the flowchart is started much can be learned of the work process as the flowchart is drawn to completion. Once a flowchart is constructed, it can be examined and used as a tool for understanding and explaining the process with respect to quality improvement. NAWC/NAWS examples will be provided as well as a basic how

to manual written by the instructor. 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 939-2686.

SUPERVISOR AS COACH AND SUPPLIER (16

14-15 October; Wednesday-Thursday, 0800-1600; Training Center. By Luisa Deal. This 2-day results-based workshop will focus

on helping supervisors move into seeing them playing more of a coach and supplier role rather than one of a director and customer The learning objectives are aimed at building skills such as

· applying coaching techniques effectively increasing employee confidence and self

steem · giving and receiving feedback

· providing positive recognition and appropriate credit

· understanding the differences between the upplier and customer roles and applying them to the boss/employee partnership

· building rapport and a positive climate of 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 939-2686.

NEGOTIATION STRATEGIES (8 hrs.)

16 October; Friday, 0800-1600; Training Center. By Suzanne Hard. Life is a series of deals. We buy, sell, and

barter for everything from furniture to relation ships; we negotiate with bosses, subordinates, customers, peers, family members, and even ourselves. The old style of negotiation that utilized screaming and pounding tables is out! Now deal makers are creating a problem-solving, collaborative atmosphere that produces satisfying results for everyone. The win-lose and lose-lose negotiation are things of the past. In the best deals being made today, both sides win and win big This course will teach you how to develop and ine you negotiation powers. You will learn to:

separate people from the problem focus on interests not positions

invent options for mutual gain

agree on objective criteria for the process

learn the BATNA formula identify and avoid the other's use of dirty

tricks 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 939-2686.

RANGE INSTRUMENTATION OVERVIEW (4

This short course gives an overview of range instrumentation systems: their functions, capabili-ties, and limitations. It is designed for engineers, scientists, technicians, managers, and others who need basic information on this topic Deadline: 9 November.

INSENSITIVE MUNITIONS IN THE 1990s (8

hrs.) 18 November; Wednesday, 0800-1600; Training Center. By: John Fontenot, Code3208, Coordinator.

Outline: The Background and History of Insensitive munitions; IM Test Descriptions; IM

Databases; Warheads/Explosives; Advanced Initiation; System Design; Propulsion/Propellants; and Rocket Motors.

Deadline: 4 November

PERSONNEL NEWS

PROMOTIONAL OPPORTUNITIES

Applications for positions listed below are being accepted from Department of Navy Employees current sited at NAWS, 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 career conditional appoint-ments, 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 task/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 advertise ended and may be required if stated in the vacancy announcement. Write the title, ment is highly reco 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, com-plete Cover Sheet Form 12335/2, 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 applica tion. 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 incement file and cannot be returned or filed in personnel folders. The Naval Air Warfare are kept in an ann Center, Weapons Division is an Equal Opportunity Employer; 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 a negative drug test result, and thereafter the selectee will be subject to drug testing as the incumbent of a Testing Designated Position (TDP). Further, all Department of the Navy employees may 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 servicing Civilian Personnel Office before a final selection is made. A verified positive drug test of a current Department of the Navy employee will also be provided to the employing activity/command. (NAVWPNCENINST 12792.2, 14 Dec

00-001, Patent Clerk (Typing), DG-303-1/2, Code 006(C003), This position is located in the Office of Counsel, Patent Division, Naval Air Warfare Center, China Lake. The incumbent is responsible for support to the clerical operations stablished by the Naval Air Warfare Cente Weapons Division, Patent Counsel in support of the Navy Patent Program conducted on behalf of the Chief of Naval Research. Prepares correspondence, reports, and legal documents as quired apart from processing invention disclo sures. Assists in the maintenance and record keeping of attorney's dockets, files of invention disclosures, and prepares applications, including statutory bar cases. Deals directly with all levels of Naval Air Warfare Center Weapo and NAVAIR management, inventors, the Office of Naval Research, U.S. Patent and Trademark Office, and government contractors. Experience with word processing personal computers and software is desirable. Job Relevant Criteria: Skill n grammar, punctuation, and spelling; ability to communicate effectively orally; ability to communi-cate effectively in writing; and ability to deal effectively among technical and functional personnel oise and tactfulness. Permanent Change of Duty Station (PCS) is not authorized. Promotion ntial to DG-2 This ad runs NAWCWPN wide October 1992-16 October 1992

No. 00-002, Legal Technician, DG-986-4, Code 006 (C003) - This position is located in the Office of the Counsel of Command Staff. Incumbent receives and prepares responses to Freedom o nformation Act requests under 5 U.S.C Section 522 (1988) (as amended by the Freedom of Information Reform Act) and pursuant to various SECNAVINSTs and OPNAVINSTs Incumbent contacts sources of information and resolves claim of proprietary interest when required Screens material that is not properly releasable Screens material that is not properly releasable under provisions of public laws and implementing regulations and case law. Organizes the work flow from the release authority and the record holders to permit the responses to be timely Prepares the legal release package for lega review and release. Maintains records necessary to determine appropriate search and duplication ees, asserts such charges and collects them when applicable. Works closely with the supervial counsel to keep Center personnel sed of changes in the public laws and to keep the Center's release practice current. Job-Relevant Criteria: Knowledge of the Freedom of Information Act, implementing SECNAVINSTs and OPNAVINSTs and judicial legal opinions; ability HAZARDOUS WASTE TRAINING (8 hrs.) 23 September; Wednesday, 0800-1500 Room 211, Training Center.

28 October; Wednesday, 0730-1630; **Fraining Center.**

18 November: Wednesday, 0730-1630 raining Center.

By: Environmental Project Office (Code 008).

Intended audience: Those who generate andle, and manage hazardous waste.

This course is required training for any one who generates or handles hazardou waste. It is also required training for anyone who manages a hazardous waste accumula tion area.

Because the activities of NAWCWPNS and NAWS, China Lake, generate more than 1000 kg of hazardous waste per month, we are designated as a Class I Generator and are subject to full regulation under federal environmental laws. One aspect of this regulation is proper training of personnel who generate, handle, or manage hazardous waste

The course will help attendees to identify nazardous waste; set up and operate accu mulation areas: identify time limitations properly label and store containers; initial emergency response procedures; initiate requests for disposal: and conduct accumi ation area inspections.

Enrollments are on a call-in basis. Point of Contact is the Environmental Project Office, 939-2893. Many departments have identified personnel who need this training Check with the Environmental Point-of Contact for your Department to assure you get this training if needed. Call in your enrol nent with your preferred date for the train

ing. Deadline: 14 October for the 28 Octobe and 18 November sessions.

to perform legal research on applicable case law; ability to analyze and reconcile conflicting case law; ability to extrapolate controlling legal princi-ples from case law; ability to deal tactfully with all evels of personnel in the Department of Defense Position is at full performance level. This ad opens 1 October 92 and closes on 8 October 1992

No. 21-001, Interdisciplinary, (General/ Engineer/Physicist/Operations Research alvet/Math DP-801/830/850/855/861/1310/1515/1520/1550-3/4. Code C2103 - This position is the Deputy Program Manager in the AV-8B Weapons System Support Activity (WSSA). The incumbent will support and represent the project director in execution of all technical and administrative activities. The incumbent will further be responsible for technical administration of the NAWCWPNS McDonnell Douglas Aircraft Co. multi-million dollar contract. The Deputy Program Manager will be the technical project leader of the Day Attack Harrier configuration and aircrew trainer software support as well as other technical projects assigned by the project director. The incumbent will interface with NAVAIR, several NAWCWPNS organizations, MCAIR, and other prime contractors, and other Navy field activities. The incum-bent will be responsible for schedules, budgets, monitoring and coordinating technical work, and making presentations to sponsors and NAWCWP-NS management. Job-Relevant Criteria: Knowledge of aircraft systems including avionics and the system engineering process; knowledge of weapons systems integration; ability to compre-hend and coordinate a large number of complex technical duties; ability to communicate in writing; ability to communicate orally. Permanent Change of Station (PCS) is authorized. The full performance level of this position is DP-4. This ad opens on 2 October 92 and closes on 16 October

No. 21-002, Computer Specialist, DP-334-3/4. Code C2103 - This position is the Deputy Program Manager in the AV-8B Weapons System Support Activity (WSSA). The incumbent will support and represent the project director in execution of all technical and administrative activities The incumbent will further be resp technical administration of the NAWCWPNS McDonnell Douglas Aircraft Co. multi-million dollar contract. The Deputy Program Manager will be the technical project leader of the Day Attack Harrier configuration and aircrew trainer software

3**B**

hrs.) 23 November; Monday, 0730-1130; Training Center. By: Byron Edde, QUINTECH