

Benefits spread around community



BENEFICIARIES — Representatives of a wide range of community organizations recently received checks from the Thrift Shop. In addition to the Navy Relief Society and the Maturango Museum, other local charitable and educational organizations benefitting the local chapter of the American Red Cross and the included the Desert Counseling Clinic, Desert Com-

Once more the community has benefitted doubly from the Thrift Shop, operated by the Women's Auxiliary of the Commissioned Officers' Mess: throughout the year, everyone benefits from the low prices on merchandise sold and in the spring, Thrift Shop profits are divided evenly between the Navy Relief Society and community charitable and educational organizations.

This year a total of \$8,100 was disbursed. The Navy Relief Society received \$4,050, the United Way received \$2,250 and the rest was shared by the Maturango Museum, Desert Counseling Clinic (for three areas of its work), Desert Community Orchestra, IWV Swim Team, High Desert Swim Team, the Child Abuse Hotline, the local chapter of the American Red Cross for cardiopulmonary resuscitation training and the Historical Society of the Upper Mojave Desert.

The Thrift Shop was started in early 1953 through the efforts of Mrs. P.D. Stroop, wife of the then NOTS Commander, who felt there was a need for a shop that sold low cost, usable clothing and household items.

All items sold at the Thrift Shop are donated by being put into drop boxes located on the porch of the Thrift Shop at 1809 Lauritsen Road. Items are sorted and marked by volunteers and sales are also handled by volunteers.

Volunteers for either sorting and marking or for selling during Thrift Shop hours are always needed and welcomed. Anyone who wishes to volunteer for either activity should either telephone the Thrift Shop at 446-6667 on Monday and Wednesday mornings between 9:30 and 11:30 a.m., or get in touch with Jayne Guignet, Evelyn Callaway or Maggi Tate.

munity Orchestra, IWV Swim Team, High Desert Swim Team, the Women's Center, Burroughs Band-Chamber Orchestra, Navy League Sea Cadets, IWV Search and Rescue, Oasis Garden Club, the Child Abuse Hotline, the local chapter of the American Red Cross and the Historical Society.

— Photo by PHAN Bob Reynolds

Summer events for youths

Summer matinees at the Center Theater begin on Tuesday, June 17 and will be scheduled every Tuesday and Thursday through August 28. Tickets can be purchased at the Information, Ticket and Tour (ITT) Office. Specific matinee movie information is published regularly and can be found in the Recreational Services Department's Roadrunner, the Rocketeer and in the monthly movie schedule.

Movies

FRIDAY, MONDAY	JUNE 13, 14
"MY CHAUFFEUR"	
Starring Deborah Foreman and E.G. Marshall (Comedy, rated R, 97 min.)	
SATURDAY	JUNE 14
"MY MAN ADAM"	
Starring Raphael Sarge and Page Hannah (Adventure, rated R, 84 min.)	
SUNDAY	JUNE 15
"THE RESCUERS"	
Animated (Drama, rated G)	
TUESDAY	JUNE 17
MATINEE "CARE BEARS MOVIE"	
(Animated, rated G, 89 min.)	
WEDNESDAY	JUNE 18
"BULL SHOT"	
Starring Allan Shearman and Diz White (Comedy, rated PG, 86 min.)	
THURSDAY	JUNE 19
MATINEE "COCCOON"	
Starring Don Ameche and Wilford Brimley (Adventure, rated PG-13, 117 min.)	
FRIDAY	JUNE 20
"DOWN AND OUT IN BEVERLY HILLS"	
Starring Nick Nolte and Bette Midler (Comedy, rated R, 104 min.)	
Starting Times: Matinees / 2 pm Evening / 7 pm	
(G) ALL AGES ADMITTED General Audiences	
(PG) ALL AGES ADMITTED Parental Guidance Suggested	
(R) RESTRICTED Under 17 Requires Accompanying Parent or Adult Guardian	

Youth, ages 6-17, will be able to play bingo, trivial pursuit, enjoy "Casino Night" and other fun activities every Thursday from 7 to 10 p.m. beginning June 19 and continuing through August 21 (except July 3) at the Youth Center.

Family Skate Night will be held at the Youth Center on Tuesday nights, June 17 through August 19 from 7 to 10 p.m. The fee is \$1.50 per person, except adults accompanied by kids get in for only \$0.75 each.

On Wednesday and Friday, June 18 and 20, a First Aid Course (Multi Media) is scheduled from 7:30 to 11:30 a.m. for anyone 9 years of age or older. The fee for the course and the Multi Media First Aid Book is \$7.50 for military, \$8 for DOD civilians and \$9 for private citizens. Registration is now being held at the ITT Office.

Youth, ages 5-15, can demonstrate their creative and artistic abilities during the Sidewalk Coloring contest scheduled at Bennington Plaza from 9 to 11 a.m. on Friday, June 20. The fee is \$5.00 for military dependents, \$7.50 for DOD civilian dependents and \$1 for private citizens.

Youths, ages 12-17, are invited to an evening of moonlight bowling to the latest hits at Hall Memorial Lanes on Friday, June 20 from 7 to 11 p.m. Participants are asked to bring their own favorite cassette tapes. Cost for Rock-N-Bowl is only \$2 per person.

Scheduled for Wednesday, June 25, youth, ages 12-17, will enjoy the Wild Wild Wet Trip, a rafting expedition on the Kern River. Participants will need to bring a sack lunch. Transportation will leave the Youth Center at 8 a.m. and will return at 4 p.m. This white water adventure, suitable for the novice, as well as the experienced, is only \$20 for military dependents and \$25 for DOD civilian dependents and includes qualified staff supervision, transportation, rafting and travel insurance. Registration is now being taken at the ITT Office with a registration deadline of Tuesday, June 24.

Community Events

Tonight, June 13, enjoy a steak and shrimp dinner at the Enlisted Mess from 5:30 to 9 p.m.

Authorized patrons and guests are invited to enjoy the music of SHOT GUN, a Top 40 band direct from Lancaster, tonight from 9 p.m. to 1:30 a.m. for only \$1 per person.

Tonight, June 13, the Chief Petty Officers' Mess is featuring "Tony Scanlan and The Siva." Music will begin at 8:30 p.m. and will continue until 12:30 a.m.

Reservations must be made by June 18 for the Commissioned Officers' Mess Membership Night. The buffet dinner, being held on June 20, will be from 6 to 9 p.m. and will feature a Steamboat Round of Beef with all the trimmings. After dinner, members and guests are invited to dance to the music of the Legends until 12 midnight.

"Power of Parenting — The Adolescent," the third film in the film series "Turn Your Hearts Towards Home," will be shown on Sunday at 7 p.m. at the All Faith Chapel. All parents are invited to attend this series produced by Dr. James Dodson. Child care will be available across the street from the Chapel at 1903 Mitscher Road.

On Tuesday at 7 p.m. junior high school and high school students who took part in the 1986 essay contest sponsored by the High Desert Peace Project will be honored at the United Methodist Church, located at Norma and Felspar in Ridgecrest. Title of the essay to be written for the competition was "How to Settle International Conflicts Peacefully."

Members of the Ridgecrest Gaming Club welcome members and non-members to their monthly meeting on Saturday, June 14 at the Old Community Building on West Ridgecrest Blvd. The meeting is set for 3 p.m. and is open to those interested in adventure and war gaming.

Next week the All Faith Chapel will again sponsor an ecumenical vacation Bible school. Students from pre-kindergarten through 6th grade will attend from 8:30 to 11:15 a.m. This year's theme is "Jesus, I Love You."

Registration for the school, which is open to all denominations, will be taken following Sunday Mass and the Protestant worship service, as well as in the Chapel Office. Late registration will be accepted on Monday morning. Co-chairmen of the school are Eleanor Hartwig and Agnes Winter, who can be reached at NWC exts. 2873 or 2773.

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NEX News

June is Car Care and Home Fix-Up Sale Month at the Navy Exchange on board the Center.

Also coming up this month, the June 18-22 Super Saving Furniture Faire Sale.

Today and tomorrow (Saturday) are the final two days to take advantage of the drawing for a Meriam Webster Dictionary set. This is a three-volume set with a \$99.95 retail value. Details are available at the Navy Exchange.

FROM: _____ PLACE STAMP HERE

TO: _____

Eight saluted for outstanding accomplishments

"It's always an honor to recognize some of the outstanding folks we have here," Capt. K.A. Dickerson, Center Commander, told the audience gathered at the Commissioned Officers' Mess for the annual L.T.E. Thompson-William B. McLean Awards luncheon last Friday.

"Since we don't have any ordinary folks here, picking these winners becomes much harder," he then added.

Surprised recipients of the two awards included, for the Thompson Award, Bennie D. Macomber, Duane J. (Jack) Russell, Dr. Robert D. Smith, Dr. Jon A. Wunderlich and the Skipper himself. McLean award winners were Dr. May Chan, Robert G. Corzine and Dr. William P. Norris. (The award winners are not notified they are even being considered as nominees; they are, therefore, usually completely astonished to discover they are winners as their biographies are read at the award presentation.)

Capt. Dickerson began the ceremony by noting the Thompson Awards were established in 1956 and named after the Center's first Technical Director. The Thompson Award is the Center's highest form of recognition to an individual, and can be given either for long term achievements or for one singularly outstanding achievement. This award can be earned by either military or civilian personnel; the award itself consists of a medal and a certificate.

Macomber, a supervisory electronics engineer, was recognized for his unique combination of exceptional abilities as a supervisor, as a manager and for his high degree of technical expertise. His rare combination of abilities have combined to contribute to significant advances in the field of active/passive radio frequency fuzing and advanced guidance missile seeker electronic counter-countermeasures.

Following graduation from Washington State University, he began his federal career in the Corona Laboratories in 1958 and moved to China Lake when the laboratories were consolidated in 1971. He is currently head of the Radio Frequency Division of the Weapons Department.

Russell was recognized for his technical contributions to the development of defense suppression systems and his managerial contributions in maintaining the Naval Weapons Center as the Navy's center of excellence in acquisition management.

He has been at China Lake since he received his degree in physics and mathematics from the University of Idaho in 1956, holding positions of steadily increasing responsibility. Currently, Russell is the Center's Test and Evaluation Director.

Dr. Smith's broad expertise ranges from his contributions to the success of AIM-9L to the Outer Air Battle Missile Program. He was part of the team using the first "hardware-in-the-loop" Sidewinder simulation with an IR target simulator and, as a result of his personal efforts, a capability was developed that is now making important contributions to the Advanced Common Intercept Missile Development effort, Sparrow and other programs.

An electronics engineer, Dr. Smith heads the ACIMD Systems Engineering Office in the Weapons Department. His original federal civilian service was with NASA in 1965; he left that agency to complete work on his doctorate from Case Western Reserve University and came to work at China Lake in June 1971 when he completed his graduate studies.

Dr. Wunderlich received the Thompson Award for his unique and outstanding contributions to the Sparrow and Tomahawk

weapons systems. He is credited with extraordinary talent in all phases of management/administration and his expert, in-depth knowledge of all phases of missile weaponry from inception through production and acquisition. His technical expertise has also been called on in his

positions as Sparrow and Optical Signatures Program Manager and in his current position as head of the Cruise Missile Program Office in the Weapons Department.

He holds a bachelor's degree from Harvey Mudd College in Claremont, a

master's degree from Purdue University and a doctorate from the University of Southern California in Electronic Engineering.

After presenting these Thompson Awards, Capt. Dickerson then turned the (Continued on Page 3)



HONOREES — Gerry Schiefer, NWC Technical Director, joins recipients of the L.T.E. Thompson and Smith and Dr. Jon Wunderlich. Standing behind them William McLean Awards following presentation of are Schiefer, Dr. May Chan, Robert Corzine and Dr. these awards Friday. Seated are, l. to r., Jack Russell, William Norris. — Photo by PH2 Rick Moore

Savings Bond campaign underway



U.S. Savings bonds, according to Dillard Bullard, are a really good deal right now, better for both the individual investor (and the nation) than at any time in the more than 40 year history of savings bond sale.

Bullard, who spearheads the savings bond drive on board this year, notes the interest rate on the bonds is guaranteed not to drop below 7.5 percent — and could run higher if interest rates nationally once again rise. This minimum interest rate is ensured for the life of the current bond series.

Indicating how good an investment bonds are right now, he says, is that during the month of May, more savings bonds were sold than in any one other month in the last 40 years.

Bullard also points out that saving is easy

through the payroll savings plan. Allotment forms can be obtained from any department or division office (or from Barbara Fedoriga, NWC ext. 2018 or 2592), filled out and submitted to payroll for automatic purchase. "It's ideal for the small investor," Bullard says, "because you can set aside just as much or as little as you can afford each week. This can be in amounts as small as \$3.75 per pay period to add to purchase of a \$75 bond in 10 pay periods, or can be in amounts large enough to purchase one or more bonds each pay period."

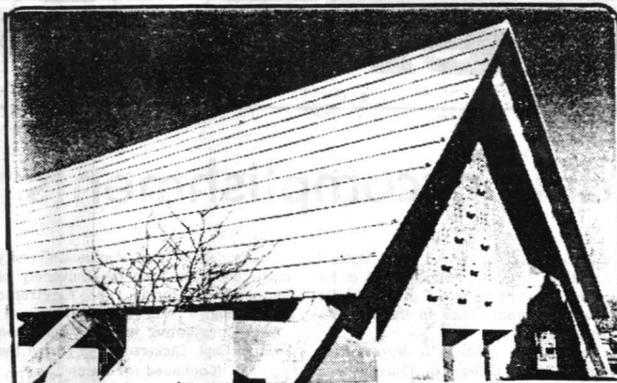
"This is a terrific way to invest both in America's future and your own," says Bullard, "because the money goes into the government's cash flow — and the benefits go into your future."

BUY BONDS — Dillard Bullard, chairman of the 1986 U.S. Savings Bond drive at China Lake, extols the virtues of Savings Bonds as he talks to department representatives about the campaign for this year. All hands should receive information on how and why to buy bonds.

Weather Report

	Max	Min	Peak Gust
Fri.	95	59	24
Sat.	93	57	25
Sun.	95	68	23
Mon.	100	62	15
Tues.	100	64	12
Wed.	102	63	19
Thurs.	100	66	21

All measurements are made at Armitage Airfield.



Divine Services

PROTESTANT

SUNDAY WORSHIP SERVICE 10:30 a.m.
 SUNDAY SCHOOL (Annexes 1, 2, 4, and the East Wing) 9 a.m.
 BIBLE STUDY (East Wing)

Wednesday 11:30 a.m. Sept. through June
 Thursday 7:00 p.m. Officer's Christian Fellowship
 Christian Military Fellowship
ROMAN CATHOLIC

SUNDAY MASS 9:00 a.m.
 CONFESSIONS (Sunday) 8:15-8:45 a.m.
 COMMUNION SERVICE (Monday) 11:35 a.m.
 DAILY MASS (Tuesday through Friday) 11:35 a.m.
 CONFESSIONS (Friday) 4:30-5:00 p.m.
 RELIGIOUS EDUCATION CLASSES (Sunday) Sept. to May 10:30 a.m.

JEWISH

WEEKLY SERVICES (Friday, East Wing) 7:30 p.m.
 ADULT EDUCATION (Saturday, Annex 4) 9 a.m.
 RELIGIOUS SCHOOL (Sunday, Annex 4) 1 p.m.

Chaplain J. Milton Collins, Capt., CHC, USN
 Chaplain A. J. Smith, Cdr., CHC, USN
 Hearing impaired equipment available. Nursery available.
 Phone NWC ext. 3506, 2773

Type A behavior can be modified says Besser

Although stress and Type A behavior can lead to coronary heart disease, says Dr. Jeff Besser, treatment for changing Type A behavior and modifying stress is now possible.

Dr. Besser, an organizational development advisor in the Center's Personnel Department, did his doctoral research on stress and coronary heart disease, and taught Behavioral Medicine at the university level before his employment on board.

Someone exhibiting Type A behavior has a set of behavior, attitudes and beliefs that create stress for that individual. Such a person is often a workaholic who has few social support systems. The individual generally works frantically and allows

himself or herself little time to think, to be creative or to relax.

"A Type A person," Dr. Besser says, "tends to treat his car like a rocket ship. Such a person is always in a struggle against people, time and standards."

Although Type A individuals feel that their struggles are necessary to achieve success, a high percentage of corporate executive officers are actually Type B individuals. They are sufficiently relaxed to take time to plan and to be creative.

Modifying Type A behavior requires reducing personal feelings of time urgency (self-imposed deadlines), reducing hostility towards others and eliminating unnecessary requirements. Each person has a

stress level optimal for him or her, and good health requires that each person find that personal stress level and function at it rather than beyond it.

Several other steps can be taken to modify Type A behavior. One of these is progressive muscle relaxation (which means to tense a muscle group, then consciously relax it).

Also important to think positively rather than negatively, and to modify standards set for either ones' self or others. Vital is to learn better ways of communicating with others.

Assertiveness training can help someone learn to stand up for his or her own rights without crushing the rights of others.

"Behavior begets behavior," Dr. Besser comments. "If you confront someone when you are feeling hostile, you're likely to get hostility in return. If you are relaxed, there is a greater chance the other person will also be able to maintain relaxation."

Type A behavior modification also means that an individual must practice honest self-evaluation. "Find out who you are and what you want, and learn to accept that," Dr. Besser advises.

Anyone who recognizes that he or she exhibits Type A behavior will find it worthwhile trying to change more to Type B behavior, according to the research done by Dr. Besser and others, because a Type A person is seven times more likely to have a heart attack than a Type B.

Youth Activities Branch announces new program

The Youth Activities Branch of the Naval Weapons Center, Recreational Services Department announces its all new Adventure Time Camp at Camp Ta Ta Pochon. Located in the Big Bear area, military and DOD dependents will enjoy an action packed week beginning June 29 and continuing thru July 4. Under the supervision of trained counselors, young campers will enjoy a variety of camp activities including swimming, boating, riflery, archery &

crafts and more.

A refundable deposit of \$30 is required at the time of registration. The balance of \$120 must be paid by June 20 in order to hold a place. Fees include transportation, lodging, T-shirt, camp photo and all materials.

Registration will be taken at the Information, Ticket and Tour Office, Monday-Friday, 9 a.m. to 5 p.m. For additional information contact the ITT Office at NWC ext. 2010.

Badging hours changed

Because of manpower shortages and low usage of service, the employee badging and vehicle registration located in the Safety and Security Building will change its hours

of operation to normal duty hours of 7:30 to 11:30 a.m. and 12:30 to 4:30 p.m. weekdays.

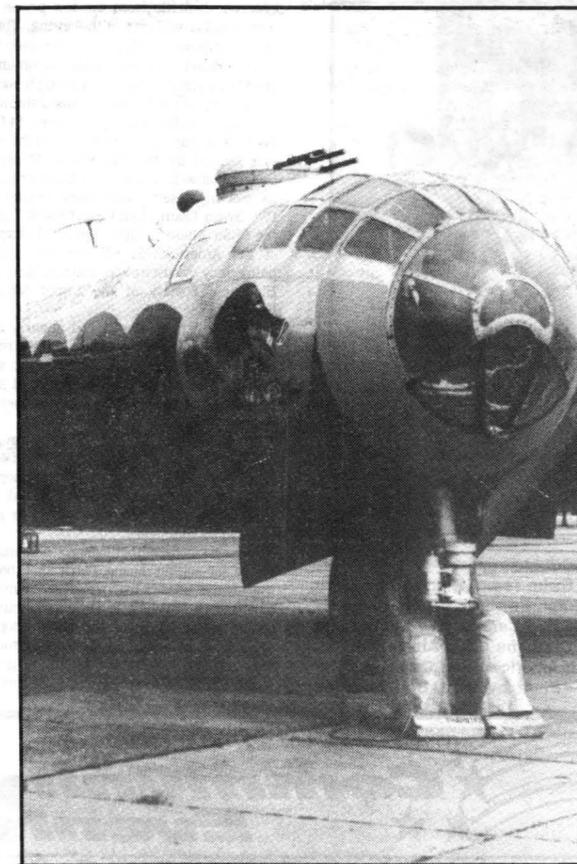
The change will be effective as of next Monday.

Vote assistance offered

Several states have primary elections this summer and all states will have general elections in November when many governors, senators and the entire U.S. House of Representatives stands for elec-

tion. Military personnel who have questions about their voting rights and abilities or need assistance in learning their voting rights can call Lt. Mark Eoff, Voting Assistance Officer at NWC ext. 5931.

British B-29 boasts China Lake connections



HISTORIC AIRCRAFT — Once mired in the Mojave Desert dust of China Lake, this B-29 Superfortress has been lovingly restored and is at its final resting place, the Imperial War Museum. The bottom photo shows the aircraft arriving at Duxford, England. It took years of painstaking effort to get this Superfort back to England after it was used for environmental testing at China Lake.

Proudly displayed on the grassy verge of the runways at the Imperial War Museum, Duxford, England, is a B-29 Superfortress that spent nearly 30 years of its life on the desert at China Lake.

The elderly Korean War bomber was restored to flyable condition for its trip to England in 1979. It took off from China Lake in November 1979, and, after a stop at Tucson for further refurbishing, finally arrived at Duxford airfield on March 2, 1980.

Between 3,000 and 4,000 aviation buffs gathered to see the Superfortress arrive at the former Royal Air Force field just 8 miles from Cambridge. The Imperial War Museum, not normally open on that day in late winter, was opened especially for the occasion, and the airfield itself (still an active airfield) was closed to all other traffic.



The final leg of its lengthy journey was merely from RAF's Mildenhall base. The B-29 circled Duxford airfield three times, then made a perfect landing and taxied near the area where it now remains as enthusiastic watchers cheered.

The bomber has been repainted to its Korean War splendor. On its nose is the name under which it flew missions in 1951 in Korea -- "Hawg Wild" -- and in the hands of Geoff Bottomley, the Imperial War Museum's chief engineer, is the log kept by the crew chief at Kadena, Korea.

Although very few B-29 Superfortresses ever flew with the Royal Air Force, the Imperial War Museum wanted such an aircraft in its collection of more than 80 aircraft. Duxford itself had been a United States Army Air Force Base from 1943 to 1945.

Duxford Airfield was first constructed in October 1917, and it was an active RAF base until 1961. The airfield itself is still active; many of the antique aircraft fly from Duxford regularly to take part in airshows throughout the United Kingdom and Europe.

The Imperial War Museum has been at Duxford since 1971, and is currently building a superhangar for the display of some of its massive collection of aircraft, artillery and other platforms and ordnance. More than 3,000,000 people visit each year to see the collection, which includes weaponry dating from World War I through the Falklands battles.

The B-29 Superfortress was donated to the Imperial War Museum by the Naval Air Systems Command. Restoration of the bomber was underway at China Lake in June 1979 when Bottomley flew here to supervise and consult with Aero-Services of Tucson, a company that had previously restored a B-29 from China Lake for the Confederate Air Force in 1971.

During the time that a search had been underway for a bomber that could be restored, Aero-Services suggested to the Imperial War Museum that flying a restored aircraft to Great Britain would be cheaper and more satisfactory than trying to dismantle the craft and reassemble it in England. Bottomley agreed, and their recommendation was carried out.

Costs and cost estimates indicate that they were correct: initial cost of restoration was higher, but dramatically reduced transport costs meant money was saved by making the aircraft sufficiently airworthy for a trip across the Atlantic.

Restoring the aircraft from the scrap yard at China Lake meant parts had to be cannibalized from other aircraft in the scrap yard, as well as having to be acquired from other locations.

The Superfortress finally lifted from the ground at China Lake (amidst cheers from a large assemblage of aviation buffs and others who had spent long hours in B-29s themselves) in late November 1979. It flew to Tucson where further restoration took place before the long flight to England could be attempted. Between the restoration and North Atlantic winter weather, the craft's final flight did not occur until the following March.

Working on the aircraft drew the personnel of Aero-Services; the pilots chosen for the flight; Bottomley; and Bob Weinhardt, a Center employee, together so closely that annual reunions have been held. Lacking from those reunions, sadly, is Skip Creiger, the pilot, who was killed shortly after the flight to Duxford took place, but members of his family join the reunions.

Those who wish to visit the B-29 -- as well as the rest of the Imperial War Museum -- while they are in England can either take the express bus to Cambridge and get off at the museum's gates at Duxford, or can take the M11 motorway and exit at Junction 10. The museum is open from mid-March to the first week of November each year. A series of special air shows are held each year.

Cooler weather may help high country fishing

Cooler weather in the Owens Valley hasn't helped slow the snow-melt in the high country. Runoff from the winter's snow pack continues to make streams flowing into the valley and the Owens River very high and roily. Fishing is still poor in most streams.

Anglers in search of a new spot might consider Gilbert Lake, a easy hike from the Onion Valley, west of Independence in the John Muir Wilderness area. Trails have just become passable and the fishing is very good. Those making the effort can also hike upstream from the Onion Valley trail head and seek native golden trout.

Los Angeles Department of Water and Power officials indicate the high water conditions will remain for most of the next month.

State Fish and Game officials said creeks would be planted only when water conditions allowed. Independence Creek, for ex-

ample, will not be planted with catchable rainbow trout this week, but other creeks will be planted as usual. Planting schedules will depend on water conditions. Warmer weather could increase the runoff and halt stocking at any time.

Improved weather conditions have improved the fishing in Sabrina and South lakes, west of Bishop. Anglers are finding the best results with red salmon eggs or floating cheese baits.

The Owens River is giving up bass and

catfish south of Big Pine and trout fishing is best near Big Pine and the Sheperd Creek sand trap.

Fishing is also improving in Rock Creek Lake now that it has been ice-free for about a week. Worms, eggs and small Panther Martin lures have been bringing good results for anglers.

Crowley remains a popular lake, but the best fishing isn't for trout, but for tasty Sacramento Perch. Crappie jigs work well (purple is a popular color) when going after

perch. Trollers are having the best luck fishing for trout in the lake.

All Mammoth area lakes report fair to good fishing this past weekend. Ice is now off Mamie and George Lakes and the rainbows are biting. Baits of all kinds bring the best results in these small lakes.

Kankonee salmon are making their presence felt in Bridgeport area lakes. Twin Lakes fishing is good and Bridgeport Reservoir is starting to improve.

Fly fishing has been the ticket for anglers on Hot Creek and the East Walker River. Rush Creek is giving up nice size brown trout to worms or flies, while flies and small lures are being used on the creek between Gull and Silver Lakes in the June Lake Loop.

Officials note anglers and those visiting the high country should be aware of high water conditions and hazards on many streams.



Sports

Women's squad grabs third in MDISL tourney

Only one team remains unbeaten in NWC Intramural Softball play after a week of inter-division play. The Blue Division leaders, From-The-Hip, sports a 8-0 overall record and are 6-0 in their division. The Aints are 4-3 and 4-2 while the Cobras and Hopeless are 3-3 in division play.

In the Gold Division, VX-5 holds top honors with a 6-0 division record and a 6-1 overall mark. The O's are 5-1 and 7-1 while the Magic Markers are at 3-2 in division play.

The top three teams in each division will take part in a season-ending tournament later this summer.

In other softball action, the NWC

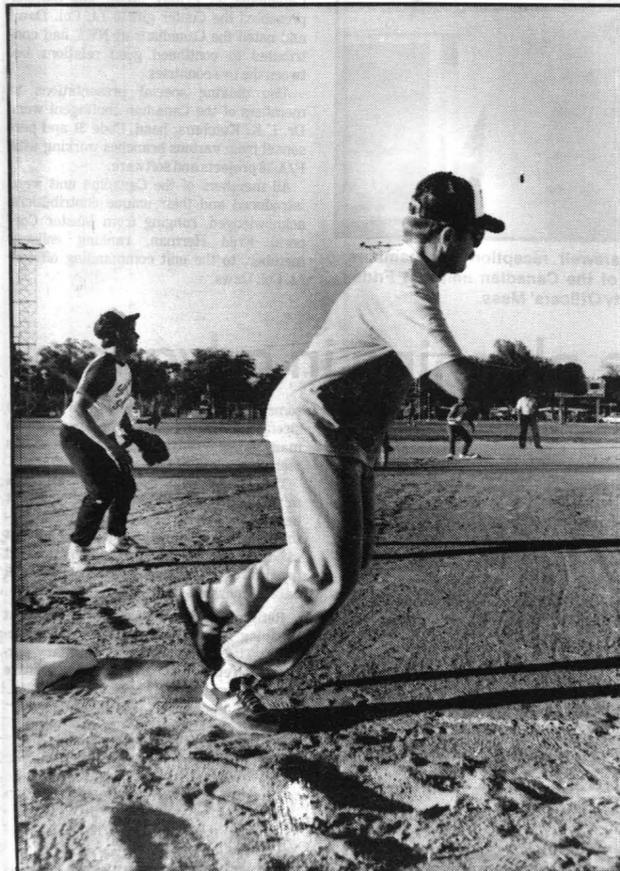
Women's Varsity Softball team took third place in the 1986 Mojave Desert Interservice League Tournament.

The NWC Women finished behind Norton AFB, tourney chambers and Vanderberg AFC, second place finishers.

The women began with an easy 11-1 win against Ft. Irwin, then edged Edwards AFB 6-5 in an extra-inning contest before falling to Norton 15-0.

In the losers bracket, the NWC squad lost a 9-3 clash to Vandenberg and had to settle for the third spot.

Next weekend the team travels to San Diego and the Southern Pacific Tournament.



EYE ON THE BALL — Breaking away from the bag, the baserunner keeps a weather eye on the ball at all times. Softball teams in the NWC Intramural League are now in inter-division competition, setting the stage for a season-ending tournament between the best six teams in the loop. — Photos by PHAN Bob Reynolds

Swim meet brings 240

More than 240 swimmers jammed NWC's Commissioned Officers' Mess pool last Saturday to compete in the 20th annual Bjorklund Invitational Swim Meet. Thirteen pool records fell during the day-long competition by six teams of swimmers.

Joining the Indian Wells Valley (IYW) Swim Team in hosting the event was the Ridgecrest Rotary Club and NWC Recreation Services Division. Also assisting in putting on this annual meet were the VX-5 Recreation Committee and WACOM.

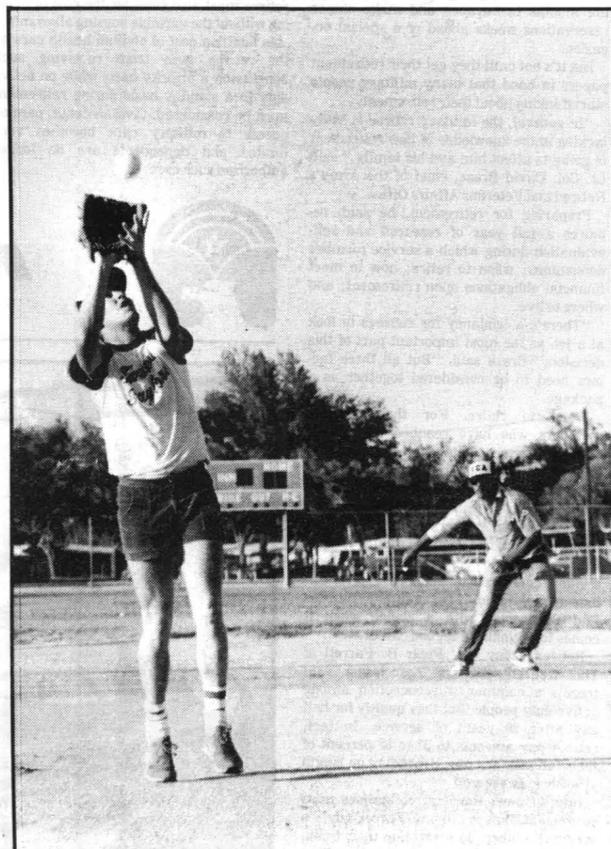
Of the records set during the day, five of them were established by High Desert Swim Team members from Ridgecrest. Henry Yeh set a record of :34.03 in the breast stroke, while the mixed medley

relay team had a new record time of 2:11.74. David Lowham set a butterfly record of :28.53 while Jean Chan had a girl's butterfly mark of :33.63 and an individual medley record of 1:15.76.

A backstroke mark of :44.47 was set by Leslie Pyle of High Desert to complete the new marks by area swimmers.

Capt. N.W. Hensley, representing NWC Command, and Mrs. Beth Bjorklund, widow of Russel Bjorklund, made opening remarks Saturday morning.

Other teams represented were Tehachapi, Edwards AFB, Aqua Aces of Bakersfield, Bishop and High Desert of Ridgecrest. There were 44 swimmers from the IYW Swim Team.



SOFTBALL ACTION — The baserunner in the background is about to change his mind and go back the way he came as the catch is about to be made on a high fly ball during NWC Intramural Softball League play last week. Teams have completed one full round of play.



The Skipper Sez...

QUESTION

Civilian employee — I would like to know why is there no non-smoking area designated in any of the clubs? I have been in two of them, the Commissioned Officers' Mess and the Enlisted Mess, and neither of them have a non-smoking area in their dining room. I would like to know why a non-smoking area can't be set aside. Thank you.

ANSWER

Tables are currently designated for non-smokers at both the COM and the EM. These are the first row of tables at the COM and the last row of tables at the EM. We are investigating the use of "Smoke Eaters" to relieve the problem.

QUESTION

Civilian employee — Hi, Skipper. I work in the south end of Michelson Lab. In the last months, parking in the south lab's parking lot has been a real problem. People have started parking in the dirt. Now the Police Department has started saying that they are going to start citing people who park in the dirt. My question is why can't we continue to use the dirt since parking is such a problem? There just isn't enough parking space to go around as more and more people are in the south end, especially since Code 12 moved down there. I would like an answer, please.

ANSWER

The China Lake Police Division (CLPD) enforces parking regulations in accordance with NAVWPNCENINST 5510.29. During the recent dislocation of parking areas around Michelson Lab, the CLPD has not taken any enforcement action against those individuals parking in the dirt areas south of the Lab. Someone other than CLPD personnel has placed warning notices upon the vehicles and inquiries to identify those responsible have not been successful. Anyone having questions concerning parking regulations may call the CLPD at NWC ext. 3323 for an answer.

All China Lakers, including military personnel, civilian employees, and their dependents are invited to submit questions to this column. Such queries must be in good taste and pertain to matters of interest to a large segment of the China Lake community. Answers to these questions are directly from Capt. K. A. Dickerson. Please call NWC ext. 2727 with your question and state whether you are a military member, civilian employee or dependent. No other identification is necessary. Since only three or four questions can be answered in the Rocketeer each week, anyone who would like to ensure getting an answer to a question may leave name and address for a direct contact, but this is not required otherwise. There is no intent that this column be used to subvert normal, established chain-of-command channels.

Accomplishments . . .

(Continued from Page 1)

meeting over to Gerry Schiefer, NWC Technical Director, who was to present the William B. McLean Awards.

Schiefer noted that "I have one more page in my book than you have in yours," and called the Skipper back to the podium to present him with a Thompson Award also.

"Considering the short period of time that military are based at China Lake," Schiefer noted, "It's unusual for them to be able to make the kind of contribution that leads to this award."

He praised the outstanding management and leadership skills displayed by Capt. Dickerson, especially for his "exceptional, gentle leadership with high potential for action." In addition, Schiefer said Capt. Dickerson saw merit in the military/civilian team and nurtured it. "He was always point man in the phalanx of NWC personnel who went to deal with Washington," Schiefer noted.

"You kept our operational focus, kept us attuned that we serve the Fleet," Schiefer told the Skipper, "and you've succeeded in helping us keep our role in full scale development and hands-on engineering."

An astonished Capt. Dickerson expressed his appreciation, but added, "I don't know how you accomplished this award presentation without me knowing anything about it."

Schiefer then presented the William B. McLean Awards. These, begun in 1968 and named after the Center's former Technical Director, complement the Thompson Awards.

"In an organization that is so outstandingly creative," Schiefer noted, "it's especially hard to single out the individuals who are the most creative so they can be honored with the McLean Award."

First winner of this year's McLean

Awards was Dr. May Chan, a chemist in the Ordnance Systems Department. Since she came on board at NWC in 1978, she has attained national leadership and influence in the field of energetic materials for propellants and explosives. She has been issued a patent or notice of allowance for eight inventions over the past three years and has published extensively.

Dr. Chan, a native of Taiwan, received her doctorate in chemistry from the University of Kansas.

Corzine, who heads the RF Development Division of the Electronic Warfare Department, also has won the Thompson Award. This time he was recognized for the 12 patents that he holds for inventions in the development and refinement of passive broadband RF components and antennas.

His creative ideas and technical foresight were applauded for his success in advancing the state-of-the-art of many antiradiation projects such as HARM Low Cost Seeker, for which his ideas have resulted in improved capabilities while achieving cost reductions as well.

Corzine holds a bachelor's degree in electrical engineering from the University of Oklahoma and has been on board since 1958.

Dr. Norris currently holds 11 patents and has applied for six more. His work as a chemist at NWC has spanned a range of fields, from chemiluminescent systems to high energy materials. Several of his patents are considered as significant contributions to the state-of-the-art and many have been transitioned to advanced stages of R&D and hold promise for advancing the Navy's capabilities in its propulsion and explosives programs.

A research chemist, he has been on board at China Lake since competing his doctorate in Chemistry at the University of Colorado in 1953.

Clinic establishes schedule

Starting Monday, the Naval Weapons Center's Branch Medical Clinic has established the following schedule for

pediatric immunizations: Tuesdays from 2:30 to 4 p.m. and Thursdays from 9:30 to 11 a.m.

Skipper honors Mrs. Robson with Commander's Award

Esther Robson, who heads the NWC Liaison Office in Washington, D.C., was presented a Commander's Award for Mission Support for her outstanding cooperation and helpfulness to Center travelers.

Mrs. Robson, on board for meetings with Center personnel, was surprised by the presentation that took place at the Commander's meeting last Monday morning.

"The difference in the Liaison Office since you've taken over is like night and day," Capt. K.A. Dickerson, NWC Commander, told her as he made the presentation.

"You run a tight ship and bring a lot of credit to NWC," he continued, as he gave her the truncated pyramid symbolizing the award. "You take on so many different tasks and do an outstanding job of all of

them that it's a pleasure to go to that office now."

The Skipper continued, "The clock doesn't make any difference to you in your work if you find that you can be of help to someone."

The letter of nomination written for Mrs. Robson signed by Bill Porter, Center Laboratory Director, notes that services offered by the Liaison Office include typing official letters, preparing viewgraphs, providing transportation to allow meeting a tight briefing schedule, picking up and delivering documents. All these have consistently been performed in an outstanding manner, Porter noted.

Mrs. Robson, an Administrative Officer, has been a Center employee since August 1984.



CO'S HONOR — Esther Robson was surprised by Capt. K.A. Dickerson's presentation of the NWC Commander's Award for mission support.

CLPD officers graduate from Sheriff's Academy

Recent graduates of the Riverside Sheriff's Academy include three more China Lake police officers: James Stokes, James Day and Scott Haygood. They have completed a 600-hour course lasting 16 weeks, which provides them the professional skills required for law enforcement.

Capt. Virgil Kennedy of the China Lake police adds that in addition to training at one of the sheriff's academies or the federal law enforcement academies, all China Lake officers also receive extensive in-service training. They are also encouraged to attend Cerro Coso Community College courses applicable to their law-enforcement activities.

"For instance," Capt. Kennedy notes, "each of our officers must go through a field training program consisting of 15 weeks on the job with an officer, who has

been trained as an instructor, before being permitted to go out on his or her own."

He continues, "Good police are professionals. They need to have knowledge and skills to be able to be effective."

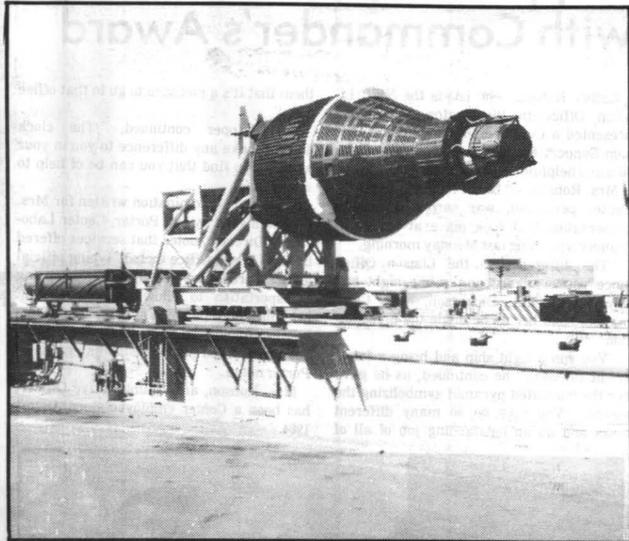
Subjects covered in the sheriff's academies include laws of arrest, search and seizure; criminal law; firearms training; defensive tactics; and police-community relations. In addition, police learn first aid and cardio-pulmonary resuscitation and other specialized skills to enhance their abilities to protect the lives of local residents and employees as well as to uphold law and order.

"An establishment like China Lake deserves the best," Capt. Kennedy says. "We're doing what we can to ensure that in the field of law enforcement, this will be what the community gets."

IEWorkbench demonstration

Information Engineering Workbench, a computerized analysis tool that runs on IBM PC/AT or clones, will be demonstrated on Tuesday at the Commissioned Officers' Mess. This demonstration of IEWorkbench software by KnowledgeWare, Inc., is rescheduled from its former time.

Three sessions will be presented with a short overview and product demonstration. The first runs from 10:30 to 11:30 a.m., followed by one from 12:30 to 1:30 and another from 1:30 to 2:30 p.m. Further information can be obtained by telephoning Esther Baile, Code 1413, at NWC ext. 2115 or 2127.



China Lake expertise was called on to help with the space program in its early "manned launch" days. One of the earliest of these projects dealt with needing to determine whether the Mercury-Atlas separation system required modification before a missile launch and testing such a modification if it might be needed.

A test vehicle, consisting of a Mercury capsule with a Mercury-Atlas adapter mounted on a test sled, was used for the program, which was conducted at China Lake's Supersonic Naval Ordnance Research Track (SNORT). At the specified velocity, the separation system was initiated and the resulting action was observed by sledborne and trackside cameras.

Three runs were conducted. The first run verified the suspected need for modification to the separation system before attempting a full-scale Mercury-Atlas flight. Modifications were made for the second run, during which the separation system functioned correctly. This modification was incorporated in a Mercury-Atlas missile that was successfully launched from Cape Canaveral the following week.

A third run was a backup of the second to ensure that the system would function correctly in the future, even though it had already been flown once.

This work took place in fiscal year 1962.



Forty years of service bring pin for Nelson

Eddie G. Nelson, who has headed the Metrology Branch in the Product Assurance Division of the Engineering Department since 1980, is proudly wearing a 40-year Federal service pin.

The pin was awarded recently by Capt. K.A. Dickerson, NWC Commander, in the Commander's office.

Nelson, a native of Duncan, Oklahoma, attended Glendale High School in California, and, while serving with the Navy, at-

tended the University of Minnesota.

He began his Civil Service career as a messenger in January 1942 at the Navy shipyard, Pearl Harbor, Hawaii. He served in the Navy from 1944 to 1946, serving overseas in the Pacific and China.

In 1948 he returned to Civil Service as an apprentice for the Air Force at Tinker Field, Oklahoma, where he completed a four-year apprenticeship as an aircraft electrician and electronics technician. Be-

tween 1953 and 1961, he served first as an aircraft servicing electrician and then as an aircraft system electrician until he resigned from Civil Service in 1961.

In 1962, he resumed his Civil Service career at China Lake as an electronics mechanic in the Engineering Department. He was promoted to model maker (electronics) and then to inspector (electronic equipment) in the Quality Engineering Division. As a supervisory electronics

technician, he served as a consultant on measurement or calibration problems. He was promoted to his current position in 1980.

Nelson received the Center's Equal Employment Opportunity Award in 1978 and a safety award for 6 years of accident-free time while he was in a supervisory position. He has also submitted four Beneficial Suggestions and has received two Sustained Superior Performance Awards.



HAPPY OCCASION — Capt. K.A. Dickerson pins a 40-year federal length of service pin on Eddie Nelson, head of the Engineering Department's Metrology Branch. — Photo by PHAN Bob Reynolds

Skipper's party planned

All the many friends of Capt. and Mrs. K.A. Dickerson are invited to attend a retirement party for the Skipper to be held on Thursday, June 26, at the Commissioned Officers' Mess. A social hour will start at 6 p.m., with presentations to be made at 7 p.m.

Those planning to attend are asked to get

Library inventory

The Naval Weapons Center Library will be closed for inventory from June 22 through July 5.

in touch with the Protocol Office, NWC ext. 1365, so that name tags can be prepared. Each attendee will be asked to contribute \$5 toward the cost of hors d'oeuvres and other party expenses.

NWC HOTLINE
Integrity, efficiency program
Call: NWC ext. 3636 (24 hrs.)
or call the Inspector General at:
(800)522-3451 (toll free)
288-6743 (Autovon)
(202)433-6743 (commercial)



China Lake Police Reports

A military prisoner was released to the custody of the Ridgecrest police department because the crime for which she is charged took place in Ridgecrest. A military man was transferred from the Kern County jail to the Center's holding facility to await trial by military court.

Unknown persons cut holes into the fence west of the Site B Capehart housing so that motorcycles could be run through the fenced area.

A hit-and-run accident occurred in the south parking lot of the Branch Medical Clinic. One vehicle backed out, hitting another, and caused minor damage to the second vehicle.

A boy's bicycle was found south of the Training Center. It has been transported to the China Lake police station and can be identified and reclaimed by its owner.

The same couple caused a disturbance of the peace in the BEQ area twice within a couple of days. Police were called both times to quiet the two down. They were also called at midnight that night to quiet another fight between the same pair.

A typewriter was reported missing from Hangar One.

Two boys, one 10 years old and the other 11, got into a fight on the way home from school. Police broke the fight up.

A military dependent was transferred by NWC ambulance to the Branch Medical

Clinic for treatment of injuries following a traffic collision at Drummond and China Lake Boulevard.

A late traffic accident report was filed by someone who had been involved in a crash on the Antelope Valley Freeway between Canyon Country and Palmdale while on travel.

A noninjury accident occurred in the dirt parking area near the Survivability Range when a contractor backed into a government vehicle. Minor damage was reported.

A steam regulator overheated in Lauritsen Laboratory, resulting in a Fire Division response because of the smell of smoke.

Shortly after noon one day a military man was arrested for driving while under the influence of alcohol. He was held five hours, cited into East Kern Municipal Court and released.

An aircraft made an unauthorized landing at Armitage Field last weekend. The private pilot reported that he was flying from Bullhead City Arizona to Corona and got off course. He filed a flight plan and departed, along with the other three people on board the private craft.

A resident on Coral Sea Circle reported that someone took credit cards from a wallet in a dresser drawer. There was no sign of forced entry but a burglary report was made.

Farewell party honors departing Canadians



CANADIAN FAREWELL — Capt. K.A. Dickerson, NWC Commander, makes a special presentation to Lt. Col. Lee Daws, Commanding Officer of the Canadian Forces unit at China Lake. Capt. Dickerson made the

Members of the Canadian Forces unit at the Naval Weapons Center were honored last Friday night with a farewell party at the Chief Petty Officers' Mess. Most members of the Canadian contingent will depart NWC for duty at the Canadian Forces Base in Cold Lake, Alberta later this month.

Under the command of Lt. Col. Lee Daws, the Canadians have been working with NWC personnel in the Aircraft Weapons Integration Department (Code 31) for nearly two years. This team will form the cadre for a Weapons Software Support Activity (WSSA) for the CF-18 Hornet at Cold Lake. The training and experience in Code 31 was part of the agreement when the Canadian Forces purchased the CF-18 (F/A-18) from the United States.

Capt. K.A. Dickerson, NWC Commander, was among those making presentations to Canadians on Friday night. The Skipper presented the Center gift to Lt. Col. Daws and noted the Canadians at NWC had contributed to continued good relations between the two countries.

Also making special presentations to members of the Canadian contingent were Dr. E.K. Kutchma, head, Code 31 and personnel from various branches working with F/A-18 projects and software.

All members of the Canadian unit were introduced and their unique contributions acknowledged, ranging from Master Corporal Fred Herman, ranking enlisted member, to the unit commanding officer, Lt. Col. Daws.

Retirement years require planning in advance

Some people spend years planning a big vacation trip. They begin Christmas shopping months in advance and make dinner reservations weeks ahead of a special occasion.

But it's not until they get their retirement papers in hand that many military people start thinking about their retirement.

"In general, the military retiree is sadly lacking in the knowledge of how retirement is going to affect him and his family," said Lt. Col. David Braze, chief of the Army's Retired and Veterans Affairs Office.

Preparing for retirement, he said, requires a full year of research and self-evaluation during which a service member determines: when to retire; how to meet financial obligations upon retirement; and where to live.

"There's a tendency for retirees to look at a job as the most important part of this decision," Braze said. "But all three factors need to be considered together as a package."

When to retire. For those service members who have reached their mandatory retirement date, there's no decision to be made. But for those deciding when to retire, personal finances and career opportunities should be prime considerations.

When civilian workers retire, they often retire for good. Not so in the military, when retirees tend to be younger than their civilian counterparts and often have college-age children. Few military retirees find themselves with a choice when it comes to beginning a second career.

Retired Army Col. Peter B. Farrell of The Retired Officers Association said there's a common misconception among active duty people that they qualify for half pay after 20 years of service. In fact, retired pay amounts to 37 to 58 percent of their full military pay, depending on length of service, Braze said.

How to meet financial obligations upon retirement. Before retiring, Farrell advises service members to determine their financial resources upon retirement. That means calculating their military retired pay, social security and other income, including that earned by the spouse, and entitlement to disability income and Veterans Administration compensation.

Financial needs must also be calculated. In addition to current living costs, a pre-retiree must also consider the cost of housing without the variable housing allowance.

In addition cost of civilian health care as the retiree goes from receiving such benefits on a priority basis while on active duty to a standby basis during retirement must be considered. Civilian dental care as access to military care becomes very limited and dependents are no longer authorized such care.

Further costs to consider include: commercial life insurance costs when Veterans Group Life Insurance coverage (which replaces Servicemen's Group Life Insurance on retirement) expires five years after leaving the service; and Survivor Benefit Plan participation (available only if elected before retirement).

These calculations will help the military retiree evaluate, and reevaluate, his financial circumstances during retirement.

Where to live. Frequent assignments

sometimes leave military people with no strong ties to any particular area; so in many cases, a retiring service member has many choices of a retirement area.

The employment potential of an area might be a strong drawing card, as might be the climate. But Farrell said other factors, like housing costs, access to and cost of education, recreational opportunities and proximity to military facilities also deserve careful consideration.

Retiree affairs counselors agree that planning is critical to a successful retirement. The better prepared a military person is to retire, they say, the more positive the experience is likely to be.



Military News

NRS drive generates \$18,500



NRS WINNER — Bob Foster (left) of Foster's SuperCycles presents the keys to the top prize in the Navy Relief Society Drawing to AMH3 Ivan Dunnan of NWC.

More than \$18,500 has been raised in the 1986 Navy Relief Society (NRS) Fund Drive at China Lake. LCdr. Rich Bruce, drive chairman, said "the response this year was gratifying. It was the best ever effort on the part of non-military China Lake employees."

The month-long drive officially opened with the Blue Angels Air Show last month. It was highlighted by the B-Mountain Bash, the NRS Softball Tournament and the big drawing at Bob Foster's SuperCycles.

LCdr. Bruce noted assistance from Dan Butler, Chuck Lewis and Bob Foster helped make the fund drive a real success.

Key personnel in military divisions throughout China Lake contacted all military members during the drive. They were given information about NRS benefits and told how to make out an allotment for Navy Relief. Drawing tickets were also sold to civilian employees by key persons in Michelson Lab, according to LCdr. Bruce.

While the official drive has ended, late donations will be cheerfully accepted by any of the key persons from the drive or LCdr. Bruce.

reassess traditional supervisory practices. This course will explore those facets of organizational culture that have changed or are in the process of change because of this new presence.

Note: This course fulfills the CSU Chico ethnic studies requirement and also satisfies an upper-division general education requirement. However, it does not satisfy an upper-division general education requirement for the bachelor's degree in business administration.

FIN 477: FINANCIAL PLANNING (5 quarter units)

4 August-4 September, Mondays and Thursdays, 1600-2100 (1-hour dinner break), Training Center. By: Professor Shakoori, CSB.

Scope: This course is designed to give students a broad and sound background in the concepts and principles of personal financial planning. Topics include the basic tools of financial planning and money management such as decisions on spending and investments, protection of assets and income through various insurance vehicles, retirement planning, tax planning, and estate planning. The course includes a few case analyses and projects. Students are required to complete a personal retirement plan by the end of the term.

GENERAL COMMENTS

1. Textbooks are available at bookstores locally.
2. Job-related courses other than those listed above must be approved on an off-Center Training Request (DD Form 1556) before registration if NWC is expected to pay for the training. For more information contact Cecil Webb, ext. 2648.

To enroll in these classes (other than Cerro Coso), submit a Training Request (NAVWPNCEN 12410/73) via department channels to Code 094. Registration will be held in class at the first class meeting. Deadline for enrolling is 10 calendar days before the starting date of the class. Although training requests will be accepted after the deadline, that date will be used to determine whether the class will "go."

Cal-State Chico sends advisor for NWC visit

Dr. Orlando Madrigal of Cal-State University Chico will be on-Center Monday, June 30 to advise current and prospective students in the external degree programs offered by the school.

Cal-State University Chico has

external degree programs in computer science which lead to bachelor's and master's degrees. Those who wish to see Dr. Madrigal are asked to make an appointment by telephoning Kit Driscoll, NWC ext. 2648.

Cerro Coso tuition support unfunded

Due to funding problems, the Center is unable to provide tuition support this summer for any courses taken at Cerro Coso Community College by

NWC employees. Therefore, previously published articles regarding tuition support for Cerro Coso courses should be disregarded.

Information concerning possible tuition support at future Cerro Coso registrations will be provided at a later date in the "Rocketeer" and "NWC Announcements."

NOTE: Technical co-op students are not affected by the above since the academic courses are part of their official training program.



Personnel News & Notes

Naval Weapons Center, China Lake, California 93555 6001

Promotional Opportunities

Applications for positions listed in this column will be accepted from current, permanent NWC employees and from eligible employees of attached activities who are permanently assigned to NWC unless otherwise specified in the ad. Alternative recruitment sources may also be used in filling these positions; vacancies are subject to restrictions imposed by the DOD Priority Placement Program. Applicants must meet all legal and regulatory requirements including minimum qualification requirements by the closing date. Applicants will be evaluated on the basis of experience, education, training, performance ratings and awards as indicated in the SF-171 along with any tests, medical examinations, performance evaluations, supplemental qualification statements and/or interview that may be necessary. Career ladder promotions are subject to satisfactory performance and cannot be guaranteed. **APPLICATION PROCEDURES:** Candidates must submit a current SF-171, along with a supplemental qualifications statement (if required), and should submit a copy of their latest Annual Performance Evaluation if relevant to the vacancy. If a supplemental statement is not required, candidates are encouraged to submit additional information which addresses the specific Knowledge/Skills/ Abilities (KSAs) cited in the ad. Write the position title/series/level and announcement number of the SF-171 and all attachments. Be sure that your forms are complete and accurate since you cannot be rated on missing data nor will you be contacted for additional information. Be certain the SF-171 and supplement are dated and have original signatures in ink.

All applications will be retained in the vacancy announcement file; they will not be returned or filed in official personnel folders. Applications and supplements are accepted at the Reception Desk, Room 100, Personnel Department, 505 Blandy. Ads close at 4:30 p.m. on Friday, one week after the announcement, unless otherwise specified. Applications received after 4:30 p.m. on the closing date will not be considered. The Naval Weapons Center is an Equal Opportunity Employer; selections are made without discrimination for any nonmerit reason.

No. 00-009, Financial Management Advisor, DP-501-3, Code 01A2 — The incumbent of the position serves as journeyman financial management advisor to the head, Central Staff, notably on matters relating to interface with Headquarters. The incumbent is responsible for managing and providing financial management and policy advice to the head, Central Staff and to certain Headquarters elements. **Knowledge:** of Off-Center budget requirements; of financial analysis techniques. **Ability:** to make clear and concise oral presentations. Promotion potential to DP-3.

No. 09-076, Personnel Clerk (Typing), GS-203-04, Code 094 — The incumbent will provide assistance to an Employee Development Specialist in carrying out the academic employee development program; will provide information to employees and supervisors on training opportunities, enroll employees in classes, maintain records, arrange for classes, prepare reports, maintain fiscal records and will provide support for staff and instructors of the universities that provide programs at NAVWPNCEN. **Elements:** Ability to: communicate effectively in writing; communicate orally; participate as a team member. Promotion potential to Employee Development Assistant, GS-203-05.

No. 26-034, Engineering Technician, DT-802-1/2, Code 2636 — Promotion potential to DT-3. This position is located in the Civil/Structural Branch, Engineering Division of the Public Works Department. The incumbent assists higher level technicians and engineers in the planning, design, layout and maintenance of buildings, structures, utility systems and associated plant and technical equipment. Work includes the construction and maintenance of facilities. The incumbent will assist in the prepara-

tion of documentation packages, the planning, scheduling and coordination of projects and the performance of feasibility studies. **KSAs:** Knowledge: building construction principles and techniques, water and sanitary sewer utility systems and pavement maintenance and repairs. **Abilities:** drafting work according to accepted civil engineering standards for construction projects; assist or perform in field surveying and in construction materials testing; establish and maintain good working relationships with all levels of the Center organization. Supplemental form is required.

No. 26-035, Facility Management Specialist, DA-1640-2, Code 2636 — Promotion potential to DA-3. This position is located in the Civil/Structural Branch, Engineering Division, Public Works Department. Incumbent performs duties relating to facilities management. Assists senior personnel in various field surveying tasks; assists in the performance of construction materials testing. **Job Relevant Criteria:** Knowledge in building construction principles and techniques, understanding of water and sanitary sewer utility systems and pavement maintenance and repairs; ability to do drafting work according to accepted civil engineering standards for construction projects; ability to assist or perform in field surveying and in construction materials testing; ability to establish and maintain good working relationships with all levels of the Center organization. Supplemental form is required.

No. 31-139, Clerk-Typist, GS-322-3/4, Code 3107 — This position is located in the FA-18 Program Office, Aircraft Weapons Department. The incumbent is responsible for providing clerical support in the form of

typing, filing and maintains the F/A-18 WSSA briefing material files; compiling briefings upon request. Position requires frequent personal and telephone contact with individuals at all levels of the Navy. **Elements:** Ability to: use tact and diplomacy in dealing with both on and off center personnel; ability to screen and distribute incoming mail; ability to work well under pressure; ability to use or learn to use the IBM DisplayWriter. Promotion potential to GS-4.

No. 31-142, Computer Specialist, DS-334-2, Code 3115 — This position is located in the Software Engineering Environment Branch of the Avionics Facility Division of the Aircraft Weapons Integration Department. The incumbent will be the assistant to the personal computer consultant in the branch. The incumbent will be expected to assist the consultant in the hardware and software configuration of personal computer systems; in training and consulting with users; in providing diagnoses and repair of personal computer problems and in recommending and implementing local area networks. **Job Elements:** Knowledge of Personal Computers Operating Systems. Ability to work with others at all levels. Ability to plan and organize workload. Promotion potential to DS-3. Previous applicants need not reapply.

No. 31-147, Supervisory Interdisciplinary (General/Electronics Engineer/Physicist), DP-801/855/1310-3/4, Code 31501 — This position is the Associate Head of the Targeting Division. The division is responsible for developing targeting and human factors technology, transitioning this technology into Fleet systems and providing support to these systems. The incumbent will be responsible for the conduct of the entire targeting technology effort in the division and will be manager of the Fire Control Technology 6.2 Block Program. The incumbent will be responsible for the planning and coordination of technology efforts with, and the maintenance of the Code 31 Technology Plan, requiring a thorough understanding of targeting technology and Fleet requirements. The incumbent will act for the division head as required. **Job Relevant Criteria:** Knowledge: Targeting systems; strike weapon systems; Laser, IR and RF sensors; DOD Systems Acquisitions Process. **Abilities:** To communicate orally; communicate in writing; willingness to support NWC EEO policies and procedures. Promotion potential to DP-4, but not guaranteed.

No. 35-047, Computer Specialist, DS-334-1, Code 3527 — Incumbent will plan for, implement and update various data bases in support of HARM Low Cost Seeker soft-

ware development. Incumbent will assist in balancing of software analysis and design, will draw finished software diagrams on a PC, maintain and participate in the configuration management of software documentation. Incumbent will also perform limited clerical duties in an automated office. **Knowledge:** Familiarity with programming languages, data base structures, DEC VAX computer and IBM compatible personal computer; word processing software tools; Yourdon structured software design process and Excelerator software tools; NWC configuration management procedures and software library process; NWC operating regulations, formats and filing systems. Promotion potential to DS-3.

No. 39-002, Electronics/Engineering Technician, DT-856/802-2/3, Code 3891 — Incumbent is responsible for installation, use and repair of high speed analog and digital instrumentation used in the study of highly transient combustion and detonation phenomena. Incumbent will be a part of a group studying hazard phenomena, inadvertent ignition, deflagration to detonation transition and shock sensitivity of undamaged and damaged propellant and explosives and sensitivity to electrostatic discharge. **Elements:** Knowledge of high speed analog and digital instrumentation to measure, record and reduce pressure, temperature and velocities. Ability to participate as a full member of a research team, ability to communicate both orally and in writing, ability to trouble shoot complex instrumentation. Previous applicants need not reapply.

No. 39-033, Security Specialist, DA-080-1 or Security Clerk, GS-303-5/6, Code 39 (two positions) — Note: Applicants not meeting the qualification requirements for the Security Specialist position will be considered for selection as Security Clerk GS-303-5/6 in order to gain qualifying experience for the Security Specialist position. Those applicants not meeting the specialized experience requirements for the Security Clerk, GS-303-5/6 position will be considered for a detail not to exceed six months in order to gain that specialized experience. Incumbent provides detailed and comprehensive security administration support to the Projects Manager. Some travel may be necessary. **KSAs:** Knowledge of security procedures and requirements; skill in written and verbal communication; ability to monitor facility security requirement; ability to interpret and implement security procedures; ability to deal with personnel at all levels; ability to work under pressure; ability to obtain a top secret clearance. Promotion potential to DA-2.

FEDERAL EMPLOYEES RETIREMENT SYSTEM

Congress has approved a new retirement system. The new system called the Federal Employees Retirement System (FERS), is a three-tiered plan which supplements Social Security benefits with a Civil Service annuity and an optional tax-deferred savings plan. The President is expected to sign the bill into law June 6 to become effective January 1, 1987. Below is a comparison of the new plan with existing Civil Service Retirement Systems (CSRS).

FEATURE	NEW SYSTEM	CURRENT CSRS
Employer cost	22.9% of payroll	25.0% of payroll
Required employee contribution	Social Security tax (now 7.15%) plus 1.3% in 1987, 0.94% in 1988-89 and 0.8% after 1989	7% of pay
Annuity (defined benefit)	High -3 x 1% x years of service or 1.1% at age 62 with 20 years service	High 3 x 1.5% x first 5 years; x 1.75% x next 5; x 2% x service over 10 years
COLAs	None before age 62; at 62 full CPI if less than 2%, 2% if CPI is 2-3%, CPI minus 1% if inflation is higher than 3%	Full CPI
ELIGIBILITY FOR ANNUITY		
Unreduced	Age 55 & 30 years, rising gradually to age 57 for workers born from 1948-1970; age 60 & 20 years; age 62 & 5 years	Age 55 & 30 years; age 60 & 20 years; age 62 & 5 years
Reduced	Minimum retirement age (55-57) and 10 years service. Annuity reduced by 5% for each year under age 62	None
Involuntary	Same as CSRS	Age 50 & 20 years or any age & 25 years. 2% penalty for each year under 55
Deferred	Same as CSRS	For vested former employees (5 years service), full accrued benefits at 62
FEATURE		
Thrift plan (defined contribution)	Employees may contribute up to 10% of pay, with full government matching on first 3% and half matching on next 2%	None
Withdrawal	Same as CSRS	If vested (5 years' service), employee may withdraw own contributions, without interest, and forfeit future benefits.

The new retirement system covers all new federal employees hired after December 31, 1983.

There will be an open season to give employees covered under the present retirement system an opportunity to switch to the new retirement system. Credit in the current Civil Service Retirement System would stop with the switch, but the high-three years pay formula for figuring annuities would continue. All service will count toward years needed to be eligible for retirement, disability and vesting in both CSRS and the new plan.

Employees remaining in the present retirement system may contribute up to 5% of pay into the savings plan with no employer matching contribution.

More information will be published when it becomes available.

Non-appropriated Funds Arrivals

- 2226 McCaleb, Eugene K.
- 2226 Campbell, Michael
- 2226 Ruesch, Michael
- 2226 Richards, Elizabeth
- 2227 Alloway, Eugene

Non-appropriated Funds Departures

- 2225 Casey, Christopher
- 2211 Martin, Bradford
- 2213 Seltzer, Marcia
- 2226 Esch, William

Reassignment opportunities

This column is used to fill positions through reassignment only. For this reason, the Reassignment Opportunity Announcements are separate from the Promotion Opportunities column in the Rocketeer. Applications will be accepted until the date stated in the announcement. Employees whose work history has not been brought up to date are encouraged to file an SF-171 or 172. All applicants must meet minimum qualification requirements established by the Office of Personnel Management. Information concerning the recruitment and placement program and the evaluation methods used in these reassignment opportunities may be obtained from Personnel Management Advisors (Code 096 or 097). Applications should be filed with the person whose name is listed in the announcement. The Naval Weapons Center is an Equal Opportunity Employer.

No. 31-141, Interdisciplinary, Electronics Engineer, Computer Scientist, DP-855/1550-2/3, Code 3115 — This position is located in the Software Engineering Environment Branch of the Avionics Integration Division of the Aircraft Weapons Facility Department. The incumbent's responsibilities will include: the operation and maintenance of Micom and ethernet data communication systems; the design, specification and implementation of a Local Area Network to include Code 31 computer facilities, personal computers and terminals at Armitage Field; plan and implement a data interface to the base wide fiber optic network. Knowledge of data communication interface requirements, local area networks and DECnet/ethernet is required. To apply for this position, send a current SF-171 to Carol Burge, Code 3115.

No. 39-034, Electronics Engineer, DP-855-2/3, Code 3957, Radar Guidance Branch, R.F. Division, Weapons Department — The Radar Guidance Branch is responsible for the R.F. guidance portion of the Rolling Airframe Missile (RAM) including design evaluation, testing and contractor liaison. The incumbent will participate in the analysis, design and evaluation of microwave antennas, components, assemblies and electronic circuits associated with the RAM R.F. guidance section. Ability to design and evaluate microwave (stripline) components, assemblies and antennas is required. Ability to communicate well both orally and with written reports is necessary to work effectively as a team member. To apply for this position, submit an updated SF-171 to Mr. Jack Hledik, Code 3957, NWC ext. 1962.

Recent Separations

Code	Name	Title
0031	Goss, Lavaughn B.	Public Affairs Spec. Sup.
0861	Burfeindt, Jessie M.	Systems Accountant
1231	Baird, James W.	Operations Res. Analyst
1272	Weimholt, James E.	Operations Research An.
1422	Pritchard, Gary L.	Computer Scientist
26422	Williams, Robert J.	A/C Equip. Mech. Foreman
269	Erickson, Paul O.	General Engr.
331A	Kinder, Floyd A.	Physicist
33351	Marquez, Melcor G.	Electronics Engr.
36088	Mulhern, Scott R.	Engrg. Aid
3661	Dalley, Julius W.	Logistics Mgt. Spec.
3854	Gruber, John B.	Research Chemist
3903	Nordseth, Marvin P.	Electronics Engr.
3922	McGowan, Allen P., Jr.	General Engr.
3957	Noland, Richard L.	Electronics Engr.
6221	Meredith, Douglas J.	Engrg. Tech.
6256	Mangapit, Conrado L.	Electronics Tech. Supvy.
64312	Crotwell, Joseph D.	Aerospace Engrg. Tech.

Recent Arrivals

Code	Name	Title
3431	Hollingsworth, Alice	Library Aid

DEC offers classes

A training contract has recently been awarded to Digital Equipment Corporation (D.E.C.) to conduct 10 on-center courses by September.

The contract also includes 49 days of student consulting support. Consulting will be done in one of two ways: live -- when an instructor is already on-center to conduct a course, and by telephone.

A "live" instructor will be available at the Training Center, Room 113 from 8 a.m. to 4 p.m. From July 31 to August 1, and again on August 28-29, an instructor with a background in System Security, System Manager, Intro to VMS, Utilities & Commands, Microvax, and Clusters will be available to answer any questions.

On August 8, an instructor with a

background in Datatrive, Utilities and Commands, RDB, DBMS, DBA and Fortran will be available to answer questions.

No phone calls for appointments will be taken, just **drop in** only.

During June 23 through 27; July 7 through 11; and July 21 through 25, an instructor will be available to answer questions in the areas of Intro to VMS, Microvax, VAX Operator, Utilities and Commands, System Manager, Advanced VMS Features, Datatrive, and Fortran via telephone. Students should call 213-937-3870 between 8-9 a.m., 12-1 p.m., and 4-5 p.m. D.E.C. guarantees a return call with the answer to the caller's question within 24 hours.

Secretarial opportunities

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

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

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

No. 24-014, Secretary (Typing), GS-318-5, Code 2402 — Provides secretarial and administrative support to the Safety and Security Department. Promotion potential to GS-5. Part-time NTE 30 hours per week.

No. 31-146, Secretary (Typing), GS-318-4/5, Code 3193 — Provides secretarial and administrative support to the Light Attack Aircraft Branch. Experience on PCs desirable, but will train. Promotion potential to GS-5 if filled at GS-4 level.

No. 32-205, Secretary (Typing), GS-318-4/5, Code 3268 — Provides secretarial support to Weapons Systems Branch "B." Knowledge and working skill on a Xerox 640 desirable. Promotion potential to GS-5. Previous applicants need not apply.

No. 32-210, Secretary (Typing), GS-318-4/5, Code 3242 — Incumbent provides secretarial support to the Thermal/Structures Branch located in the M/L compound. Promotion to GS-5. Previous applicants need not apply.

No. 35-045, Secretary (Typing), GS-318-5, Code 3551 — Incumbent provides secretarial support to the Test Support Branch. First Forty hours (0630-1630). No promotion potential.

No. 35-046, Secretary (Typing), GS-318-4/5, Code 351 — Incumbent will provide

secretarial support to the Computer and Software Branch and the Embedded Tactical Software Branch in the System Sciences Division of the Electronic Warfare Department. Experience on Xerox 860 and Star is desirable, but will train. Promotion potential to GS-5.

No. 39-032, Secretary (Typing), GS-318-5/6, Code 395 — Provides secretarial support to the RF Division. Promotion potential to GS-6.

No. 61-011, Secretary (Typing), GS-318-5/6, Code 613 — This position provides secretarial support to the Engineering Support Division Staff. Knowledge and working skill on IBM Displaywriter desirable. Promotion potential to GS-6.

No. 62-002, Secretary (Typing), GS-318-4, Code 62C2 — This position is located in the Ground and Track Projects, Projects Office, Range Department. The incumbent provides secretarial support to the head, Ground and Track Projects and duties are part of a broader and more inclusive responsibility by assisting the Projects Office, Code 62C, secretary. Experience on Xerox 880 is preferable. Incumbent may have opportunity to work with computerized office equipment. Promotion potential is GS-5.



Personnel Development Opportunities

"IN SEARCH OF EXCELLENCE" VIDEO AVAILABLE

"In Search Of Excellence" explores examples of American business success. This popular Public Broadcasting System documentary, based on the best-selling book of the same name, investigates management in large and small companies. It focuses on three major themes: innovation, productivity through people and shared values, and how excellent companies have benefited from using these two ideas.

This ¾-inch video is available for checkout from the Audiovisual Library, Code 34501, ext. 1104. The video is 90 minutes long and is recommended for staff motivation and enrichment.

"HELLO PC"

"Hello PC" is a 1-hour videotape from Lowry Communications that introduces you to the IBM PC, or its compatibles, and the DOS operating system. "Hello PC" will show you how to start up your computer with DOS, handle and care for diskettes, store information on diskettes, get information from the diskettes, keep your diskettes from being accidentally erased, clear the screen between commands, use the important DOS commands, use the hard-disk setup and commands, and create batch commands files and "AUTOEXEC" batch files.

Available for loan in VHS or Beta format. Contact Marie Duff at the Learning Center, ext. 2451.

SECRETARIAL SEMINAR

This audiocassette self-study series is available through the Training Center and includes six

professionally recorded and edited learning system tapes and a "Secretarial Workbook." This workbook contains hundreds of ideas you can put to use in developing more productive work habits and 11 proven ways to double your worth to yourself and your boss. The package also includes a "Personal Profile System" that is designed to help you adopt strategies that will increase your productivity and support your efforts.

To enroll, submit an NWC Training Request Form (NAVWPNCEN 12410/73) via department channels to Code 094.

SYMBOLIC MANIPULATION PROGRAM (SMP)

30 June and 1 July, Monday and Tuesday, 0800-1600, Training Center.

Intended Audience: People interested in computer algebra who want to find out what SMP is and what kinds of problems it solves.

Scope: The SMP is a general-purpose algebra

program that enables technical professionals to perform complex mathematical operations symbolically on a computer. SMP is used in structural, electronic, and chemical engineering; fluid dynamics; theoretical and experimental physics; pure and applied mathematics; and other fields. The SMP has recently been installed in VAX 1438. For more information on the SMP, contact Jim Serpanos, Code 1412, ext. 3661.

Deadline: 13 June.

CONTRACTING OFFICER'S TECHNICAL REPRESENTATIVE (COTR)

16-19 June, Monday-Thursday, 0800-1600, Training Center. By Naval Regional Contracting Officer.

Scope: The purpose of this course is to enhance the administration of service contracts. The course is for people who furnish technical input to contractors, evaluate contractor performance, and perform inspection and acceptance of services under contract. The training is designed to ensure that COTRs understand their responsibilities in administering service contracts.

Deadline: 2 June.

OFFICE PROTOCOL AND CORPORATE ETIQUETTE (Formerly called Office Etiquette and Business Protocol)

17 and 18 June, Tuesday 0800-1600 and Wednesday 0800-1130, Training Center. By LaNelle Thompson.

Scope: The goal of this course is to update information for the creative employee and to cause constructive change. Employees who are skilled, intelligent, and hard working wonder why they are not progressing or moving upward into more responsible positions, or they wonder why their value isn't recognized by others. An observation by business and industry is that these people are not business literate. Being business literate means "one has knowledge or competence in business, knows the territory, the language, and how to operate productively within that business culture."

In this course you will receive specific tools, techniques, and approaches that will enable you to become oriented to organization and business practices so that you will be able to improve working situations for yourself and your employer. This approach will enable you to (1) understand the mission of NWC, its organizational structure and goals, and your individual responsibility toward the accomplishment of that mission and those organizational goals; (2) examine business standards and ethics as they relate to personal and work values-giving and getting assistance at work, behavior patterns in social and work gatherings, and office protocol; (3) study ways of building good will for NWC through the proper use of the telephone (placing, screening, and directing calls), the use of proper English and grammar, a positive attitude and professional behavior, the challenge of dressing for credibility, the psychological effects of color, and the need for developing win-win negotiation skills; and

(4) develop a plan for putting all seminar information into practice by reviewing avenues of opportunity,

examining ways to expand present skills, and learning the positive approach to taking risks and making changes.

To enroll in these classes, submit NWC form 12410/73 via department channels to Code 094. (Code 094)

SPECIAL SESSION FOR SECNAVINST. 5216.5C

1 July, Tuesday, 0900-1100, Training Center. By Odessa Newman.

This is a 2-hour session to answer questions regarding the use of SECNAVINST 5216.5C, Department of the Navy Correspondence Manual. The class will be open to technical writers and to secretaries and other clerical personnel and will be conducted on a drop-in basis. No paperwork will be required. (Code 094)

California State University Summer Classes

COMPUTER SCIENCE

CSCI 270: SYSTEMS DESIGN (3 units)

24 June-21 August, Tuesdays and Thursdays, 1500-1730, Training Center. By: Professor John Zenor, CSUC.

Prerequisite: CSCI 171 and CSCI 172.

Scope: This course focuses on the early phases of the system life cycle: systems analysis and design. You will apply the experience gained in prior courses to the design and analysis of a system for a practical problem. Emphasis will be on the project-team approach. Readings will be assigned from the current literature in systems analysis, design, and software engineering.

Texts: *Mythical Man Month*, Frederick Brooks; *Notes on the Synthesis of Form*, Christopher Alexander, Harvard Press; and *Concise Notes on Software Engineering*, Tom DeMarco.

PPA 530: ADMINISTRATION IN MULTICULTURAL SETTINGS (5 quarter units)

17 June-18 July, Tuesdays and Fridays, 1600-2100 (1-hour dinner break), Training Center.

For course description see the Business and Public Administration section.

Note: This class fulfills the CSU Chico ethnic studies requirement and also satisfies an upper division general education requirement.

BUSINESS AND PUBLIC ADMINISTRATION

MGT 300: MANAGEMENT AND ORGANIZATIONAL BEHAVIOR (FORMERLY BA 322) (5 quarter units)

16 June-17 July, Mondays and Thursdays, 1600-2100 (1-hour dinner break), Training Center. By: Professor Martin Marsh, CSB.

Scope: An introduction to organizational and management concepts and theories with special attention to individual and group behavior, perception, motivation, influence processes, interpersonal communication, and international issues.

Note: This is a required course for the bachelor's degree in business administration and a required foundation course for the Master of Public Administration program.

PPA 530: ADMINISTRATION IN MULTICULTURAL SETTINGS (5 quarter units)

17 June-18 July, Tuesdays and Fridays, 1600-2100 (1-hour dinner break), Training Center. By: Professor Everett Mann, Jr., CSB, and Professor Phillip Paris, CSB.

Scope: The increased presence of ethnic minorities and women within the structures of service organizations and increased services to multicultural communities and clients have provided challenges and opportunities to management and supervisors to