



HARMONIZING — Bill Farris and Sigrid Weston catalog the attractions of "Dear Old Syracuse," one of the 60 songs and production numbers in the Civic Light Opera and Theatre Association's presentations of the Rodgers and Hart revue, "Sing for Your Supper." Final performances begin at 7:30 p.m. tonight and tomorrow at the Burroughs High School lecture center. General admission is \$6.50; military personnel, senior citizens and students are charged \$4.50.

49ers plan encampment

Final plans are now being made for the 37th annual Death Valley Encampment, which will take place Nov. 6 through 9 this year. Along with both the riders and the hikers who trudge into Death Valley for the annual affair will be such events as a fiddler's contest, a Hootenany Breakfast Hoedown, special events for photographers, authors, golfers, artists and square dancers, and "Western" events such as a quick-draw contest, gold panning contest and liars contest.

Those who'd like to join the Death Valley 49ers (who not only support scholarships but also get annual "keepsake" historic publications and membership buttons) can

do so by sending an application to Death Valley 49ers, Inc., P.O. Box 415, Mammoth Lakes, CA 93546. Memberships, which are tax-deductible, are \$10 per year for regular members, \$50 for contributing members, \$100 for corporation members and \$200 for life members (a one-time contribution).



Weekend Roundup

Tomorrow is the Halloween Masquerade being sponsored by the NWC's Youth Center. All ages are invited to attend this masquerade being held from 12:30 to 4:30 p.m. Entrance fees are \$2 for people not in costume; but people wearing a costume will only be charged \$1.

A costume contest will be held at 2 p.m. and prizes will be given out for the most original, scariest, funniest and cutest couple. For more information contact NWC ext. 2010.

"The Lion in Winter" will be seen once more tomorrow evening at 7:30 p.m. at the Playhouse, corner of Blandly Avenue and Lauritsen Road. The doors open at 7 p.m., with curtain time for this China Lake Players' production being 7:30.

Reservations can be made by telephoning The Music Man, 375-4001. Ticket prices are \$4.50 for general admission and \$3.50 for active duty military personnel, senior citizens and children under 12.

For only \$1 per person, authorized patrons and guests can enjoy the music of "Sound Waves" at the Halloween Costume Party being held at the Enlisted Mess tonight from 9 p.m. until 1:30 a.m. Plenty of free snacks and prizes will be available.

Disc Werks will be the DJ at the disco being held on Oct. 29 at the Enlisted Mess. Authorized patrons and guests can disco from 8:30 until 11:30 p.m. for only \$1 per person.

A seafood plate is the Friday night special at the Commissioned Officers' Mess tonight. Dinner will be served from 6 until 9 p.m.

Remember that the Commissioned Officers' Mess is having a Halloween Costume Party on Oct. 31. Enjoy a delicious Italian dinner for only \$6.95 per person or \$6.45 if you're in costume. Dinner will be served from 7 until 10 p.m.; and from 9 p.m. until 1 a.m., the Legends will play Top 40 hits for your dancing and listening pleasure. A costume contest will be held during the evening with prizes being given away for the best costumes. Reservations must be made for the dinner no later than Wednesday, Oct. 29.

Prime rib and roast turkey will be offered as the specials at the Chief Petty Officers' Mess tonight. Dinner will be served from 5:30 to 9 p.m.

An interdenominational film entitled "From Fury to Freedom" will be shown at the Center theater tomorrow, with doors opening at 3 p.m. Admission is free for this film dealing with what brought inner peace to an angry, bitter man. Anyone wishing further information should telephone 446-5865.

Tomorrow, from 10 a.m. until 4 p.m., is the 2nd Annual Doll Show sponsored by the Craft/Hobby Branch of NWC's Recreational Services Department. Dolls made during the year's classes will be on display. Door prizes and refreshments will be available. For more information call NWC ext. 3252.

Disaster list prepared

Salvation Army continues project

If a disaster strikes the Indian Wells Valley or the Rand District, elderly or handicapped residents can be quickly contacted by emergency personnel to ensure that they are all right, thanks to an ongoing project of the Salvation Army.

The Salvation Army has prepared a list of more than 180 individuals (at about 160 different addresses) of those who need special assistance if either a natural or man-made disaster occurs. Listed are their names, addresses, mailing addresses, telephone numbers, any handicaps, whether or not they live alone, their pets, a contact person and prescriptions necessary for their health.

This information has been gathered with the assistance of the Senior Citizens Information and Referral, the Indian Wells Valley Association for Retarded Citizens, Kern County Welfare and other local

organizations.

A list has been prepared and has been given to the Ridgecrest Police Department, the Kern County Sheriff, the Kern County Fire Department (and its Inyokern and Rand District stations as well as the Ridgecrest station) and the American Red Cross.

The book will be updated regularly to ensure that listings are current; Toni Boggs, the local Salvation Army representative, will shortly mail update requests to those who are currently listed so that they can add any appropriate information and ensure that their listings are correct.

Anyone who is not already listed and who wishes to be included is asked to get in touch by telephoning the Salvation Army telephone number, 377-5319 and leaving a contact name and phone number.

Maturango Junction set

Tomorrow's big Maturango Junction Day (most of whose events take place at Kern Regional Park in Ridgecrest) begins with the Kiwanis pancake breakfast from 8 to 11 a.m. Opening ceremonies begin at 9:30 a.m. with both a children's Halloween costume parade and the fast draw championships starting at 10 a.m.

Chili lovers can enjoy watching the chili cook-off, which starts early and has the judges tasting by 1 p.m. (both showmanship and chili are judged; winners will be announced at 4 p.m., but lots of good chili will be available for tasting as soon as the

judging is done). Throughout the day there'll be entertainment, ranging from fiddlers, to a magician, to the Sweet Adelines and Barbershoppers, to square dance demonstrations by the Cactus Squares. A car show joins the events of the day and for those who can't resist shopping, there'll also be a giant garage sale at the edge of the Maturango Museum parking lot.

Booths with goodies and craft items will also be set up and the Optimist Club just might be involved in gathering people into its gail — or staging a hold-up. As a bonus, prizes will be given out every 45 minutes, with winners of the museum's major prizes announced at 4:45 p.m.

GPS talk topic for SFTE meeting

Douglas Blew of the Electronic Warfare Department's Range Systems Engineering Office will give a presentation on NWC progress on the Global Positioning System (GPS) at a meeting of the Society of Flight Test Engineers on Nov. 13 in the Officers' Mess. There is a social hour at 6 p.m. followed by the meeting at 7 p.m.

Movies

FRIDAY, SATURDAY	OCT. 24, 25
"BLUE CITY"	
Starring Judd Nelson and Ally Sheedy (Action/Drama, rated R, 83 min.)	
SUNDAY	OCT. 26
"THE KID FROM NOT SO BIG"	
Starring Veronica Cartwright and Jennifer McAllister (Comedy/Western, rated G, 88 min.)	
MONDAY	OCT. 27
L.W.V.C.A. CONCERT	
WEDNESDAY, FRIDAY	OCT. 29, 31
"TOP GUN"	
Starring Tom Cruise and Kelly McGillis (Adventure/Drama, rated PG, 110 min.)	
Starting Time: Evening 7 pm	
IGI ALL AGES ADMITTED General Admission IGI ALL AGES ADMITTED Parents' Guidance Suggested IRI RESTRICTED Under 17 Requires Accompanying Parent or Adult Guardian	

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FROM _____ PLACE STAMP HERE

TO _____

NWC designed HARM telemetry section on-line

Now operational for tests of the High-Speed Antiradiation Missile (HARM) is an NWC-designed telemetry test section, RT-1198 A/A.

The test section sends telemetry data to the ground station during HARM captive carry tests or actual missile firings. Such information can then be used by missile designers and engineers to analyze missile data or to solve any problems that might develop.

Previously, HARM had used a contractor-designed and produced telemetry test section, but NWC requested from the Naval Air Systems Command that it be allowed to design its own telemetry test section to

meet DOD requirements for secure telemetry and to cut costs. Following NAVAIR approval, personnel from the Telemetry Technology Branch of the Aerosystems Department's Telemetry Division began work on the new test section under the guidance of the HARM Technical Management Office. The development cycle of the new section has just been completed.

The test section can be used with HARM on the Navy's F/A-18, A-6E, A-7, EA-6B aircraft and the Air Force's F-4G aircraft as well.

The HARM telemetry test section combines data-point gathering, pulse-code

modulation (PCM) telemetry and a command-destruct function in a relatively inexpensive, expendable package that is compatible with any HARM test vehicle.

A primary advantage that the new test section has over the contractor-designed section is that it can use either randomizer or encryptor, providing secure telemetry.

This new unit handles four to six times more signals than similar units for other air-to-air or air-to-surface missiles. It monitors nearly every missile system and subsystem during flight — including control surfaces and servos.

The HARM telemetry test section is completely self-contained. The unit in-

cludes an internal power-supply; signal conditioner; PCM encoder; transmitter; power divider; antennas; randomizer; secure support systems; and missile flight-termination system, including receiver, safety-arming device and cutter charge.

Currently 40 pre-production units of the new test section are being built for HARM and HARM Low Cost Seeker at NWC by the Design and Fabrication Branch of the Survivability and Lethality Division of the Fuze and Sensors Department. A follow-on production run of 80 additional units will be built by the Naval Avionics Center at Indianapolis, Indiana.



TEAM EFFORT — Those who had a hand in developing the NWC-designed telemetry test section RT-1198 A/A, for HARM include (l. to r.) R. Glenn Ragsdale,

Michael Schmitt, Dale Bruno, Sherrie Caffee, Clinton Stallings, Richard Jackson, and Jerry Senn, representing Codes 35 and 64. — Photo by Mickey Strang

A-6 WSSA personnel receive applause after developing operational flight program software

"Congratulations and thanks to China Lake and the A-6 WSSA," read a message from fleet personnel who evaluated the A-6E aircraft Operational Flight Program (OFP) E230 software.

Their outstanding work in developing the E230 software resulted in the 65 members of the A-6E team being presented the Navy Award of Merit for Group Achievement last Friday noon.

Capt. John Burt, NWC Commander, commended the group for its "magnificent job in enhancing the capabilities of the A-6 aircraft," which, he added, "is a very capable aircraft."

Gerry Schiefer, NWC Technical Director, who joined Capt. Burt at the podium, told those present "The Skipper is impressed by your work, but I grew up here and I'm used to such quality. This is what we do best."

He continued, "You constantly have in your mind the guy who puts his life on the line in the fleet. In doing that, you've dedicated your lives to doing a good job to help him." The teamwork involved in dealing with 5,600 lines of code, with 568 hours of laboratory testing and 140 hours of flight testing before the program was released for Operational Evaluation was outstanding, Schiefer said, and involved personnel from a wide range of Center operations.

The A-6E aircraft navigation and weapon delivery system is a highly sophisticated, complex, integrated avionics system incorporating a digital computer for navigation and accurate all-weather weapon delivery. The E230 OFP contains 19 changes, which correct deficiencies in the previous OFP and provides both improved and seven new major capabilities to

enhance the A-6 mission effectiveness.

Werner Hueber, who heads the Weapons System Support Activity in the Aircraft Weapons Integration Department and Nick Schneider, Associate Department Head for Code 31, joined Capt. Burt and Schiefer in presenting their certificates for the award to the 23 team members present.

Those receiving certificates Friday were Donald J. Biehlis, Larry Boyd, Jerry Bradley, Martin B. Burchett, Lt. Jack Ceckler, John Dancy, William Dykema, AK1 Thomas A. Everett, Walter Farmer, AE1 Mark S. Graham, Debra Jill Guinn, William Haworth, Hueber, Irene Katzenstein, Allen Larsen, James R. McManis, Charles W. Miller, Linda Miller, Thomas R. Miller, Larry Pace, Dr. Frank Richards, Dr. Russell D. Rupp, Samuel R. Schoenhals, Kim A. Schwab, AQ3 Bradley

C. Sheffer, Dave Stone, AD3 John F. Swierczewski, AD1 Peter Thime, William Turnbull, Steve Underwood, Capt. George VanTine, Mary Wyatt and AD2 German R. Ydrovo.

Not present to receive certificates were James R. Artz, Dr. Robert Berry, AMH2 Robert Bryant, AMH2 Michael Burhardt, AFM Terry Burkheart, Ken Burton, AD1 Raul Bustos, AMH2 Larry Cooper, ADC Jon Copeland, A01 Tommy Davis, William E. Duncan, LCGr. Steven Ennewold, Tom Giannett, AT1 Joseph Grise, AOC Ronald Hagerman, AMH3 Anthony Hall, Chris Hall, AMHAN Scott Hansen, Wayne M. Johnson, Brian Koster, Forrest Lloyd, LCGr. Marc Lucchesi, Lil Michele, George Mills, AQC Paul Olsen, Ronald J. Page, AMH3 Torrey Payne, AE2 James Ponder, A01 Alex Rhinehart, AME1 Brett Ring, John Saitz, Jerry Senn and AME3 Kevin Sylve.

Story to talk at WACOM

Ralph Story, famed CBS newscaster, will be guest speaker at the November 12 meeting of the Women's Auxiliary of the Commissioned Officers' Mess. Because of the unusual interest in his program, members can invite their husbands to attend if they wish.

A social hour at 11 a.m. begins the lunch, with an Italian buffet menu including chicken cacciatore, stuffed rigatoni, ravioli and lasagne, a salad, garlic bread and spumoni for desert. Cost of the lunch and program is \$5 per person. Story will speak at about 12:30 p.m.

Reservations are required and must be made by Wednesday, Nov. 5, by telephoning either Elaine Jenne, 377-5229, or Pat Hazen, 375-9376.

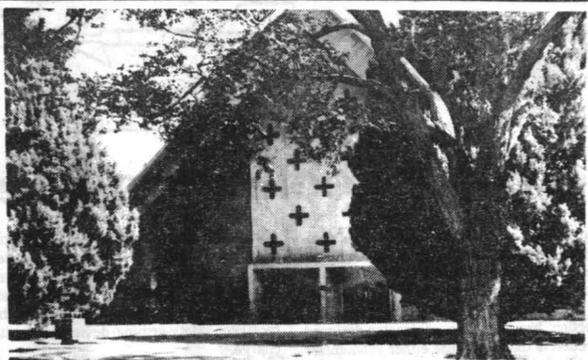
Safety tip of the week

To put out a grease fire in a frying pan, turn off the burner and put a cover over the pan. Never pour water on burning fat or oil.



	Max	Min	Peak Gust
Fri.	78	45	20 knots
Sat.	74	49	15 knots
Sun.	77	43	13 knots
Mon.	74	40	17 knots
Tues.	77	38	9 knots
Wed.	80	45	13 knots
Thurs.	83	39	13 knots

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
 Chaplain C. R. Beede, Lt. jg. CHC USNR
 Hearing impaired equipment available. Nursery available.
 Phone NWC ext. 3506-2773.

Think Halloween safety

Tips from Safety Program Office

One week from tonight will be Halloween, the night when all the little ones (and those not so little) will be out and about after dark. Forethought on the part of adults can eliminate most Halloween hazards for children without taking the fun out of their big night.

Children don't need to be discouraged from dressing up and prowling the neighborhood in quest of trick-or-treat, but parents who let their children go, motorists driving at night and homeowners at whose houses the children call should remember that children are rarely cautious.

The Center's Safety Program Office has suggestions for all three groups.

Parents: Consider that an adult should accompany children on their rounds for full protection. Grease paint or cosmetics should be used to paint masks directly on small children's faces since cloth and rubber masks may slip and block vision.

Children should not be allowed to carry either knives or other sharp objects. Choose bright costumes for children since dark ones are difficult for motorists to see.

Costumes can be made even brighter with strips of reflective tape or luminous paint, which can be applied to anything a youngster wears or carries.

Costumes can be made flame retardant by dipping them in a solution of three quarts of warm water, seven ounces of borax and three ounces of boric acid. Children should not be allowed to carry candles or any flame-producing devices.

Know the neighborhood in which children will be going trick-or-treating. Inspect the treats they bring home and don't let children eat anything until it's been inspected.

Motorists: Slow down. Bear in mind that troops of children will be roaming the streets on Halloween. They may dart between parked cars, cross in the middle of the street or not look both ways before crossing. It's the responsibility of the adult driver to watch out for them.

Homeowners: Light the outside of the house so that Halloweeners don't trip over steps or other obstacles. Cover all excavations.

Vesper service slated Sun.

At 4 p.m. Sunday, a vesper service observing Reformation Sunday and the Feast of All Saints will be held in the All Faith Chapel.

Festive music will be provided by trumpet and organ voluntaries and a short cantata, "Rejoice, Earth and Heaven," by Dietrich Buxtehude, will be sung by the Chapel's Chancel Choir accompanied by organ, string ensemble and trumpets.

Featured instrumentalists include Karen and Bernard Jain, violin; Fran Rogers, cello; Johan Keus and Mick Rindt, trumpet; and Shirley Helmick, organ. Soloists include Sandra Raines, soprano; Ann Nixon, alto; Bob Huey, tenor; and Sam Haun, bass. Officiating Chaplain is Capt. Milton Collins.

Everyone is invited to attend this service of praise and worship.

The original version of the Buxtehude

cantata was composed for the wedding of Dr. J. Van Dalen, mayor of Luebeck, Germany, the city in which Buxtehude was active as a musician of the Marienkirche in the late seventeenth century. Although the present text was prepared for use on Christmas Day, the composition is equally well-suited for performance on other days of the Church-year; its abounding joy makes this an ideal work for concert performance also.

New hours listed

Starting next Monday, the Social Security office, 337 W. Ridgecrest Boulevard in Ridgecrest, will be open Mondays through Fridays from 9 a.m. until noon for walk-in business and telephone calls will be accepted from 1 to 5 p.m. weekdays.

Candidate's night planned Wed.

All voters in the local area are invited to attend a "Meet the Candidates Night" on Wednesday, Oct. 29, to hear candidates for Kern County Sheriff and Kern County Coroner debate the issues.

The meeting will begin at 7 p.m. at the Knights of Columbus Hall, 725 W. Ridgecrest Boulevard in Ridgecrest. Audience members will be able to question each of the contenders.

"Meet the Candidates Night" is sponsored by the American Association of University Women and the American Society for Public Administration.

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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)

Rick Petersen leads active life despite blindness

Rick Petersen, who's a systems analyst in the OASIS program, has spent most of his life in the southern part of California. He worked for the Thompson Ramo Woolridge Company for 11 years as a systems analyst and programmer, spent two years in Bakersfield and finally moved to China Lake in 1984 when he accepted his current job.

Petersen says that he had not particularly planned to become a computer programmer when he first started college at Cerritos Junior College — he was a mathematics major. At that time the Systems Development Corporation offered a special training program in computers for the blind, which he took advantage of and that led to his going to work for TRW.

While working at TRW, he decided that he should continue studying for a college

degree and signed up for classes at the University of Southern California. He holds a bachelor's degree in business administration from USC, which, in combination with his math training, provides an excellent background for his current job.

Petersen notes that he also studied to become a real estate broker and holds a broker's license; his wife, Peggy ("although she refers to be called Ann," he adds) is currently studying for a real estate license also.

Sports are a real interest to him. He enjoys pro basketball, baseball, football and boxing and has gotten involved in some sports himself. For nine years while he was in school he used to wrestle; since school days he has taken up both waterskiing and horseback riding and also enjoys walking.

Walking these days is somewhat easier

since he got his seeing eye dog, Fritz, a little over a year ago. The big German Shepherd dog is very protective of him as well as making taking a walk easier. Petersen says that he always got around pretty well with a cane, but that a cane doesn't keep a blind person from walking into a pole or post and a dog does.

Dog and owner spend four weeks getting acquainted with each other before the blind person gets to bring the dog home, according to Petersen. The dog starts training at about a year and a half old, and spends four to six months in training before being teamed with a new master.

"Fritz is a good companion," he says. The dog, however, is unable to help with his other spare time interests in playing cards, chess and backgammon. "I was active with the Bakersfield Chess Club," he says, "and I'd like to get started playing again now that we're well settled here."



PARTNERS — Rick Petersen and his dog, Fritz, sit at the special terminal for the computer that Petersen uses in his work for OASIS.

Grizzled trees draw many to White Mountain area

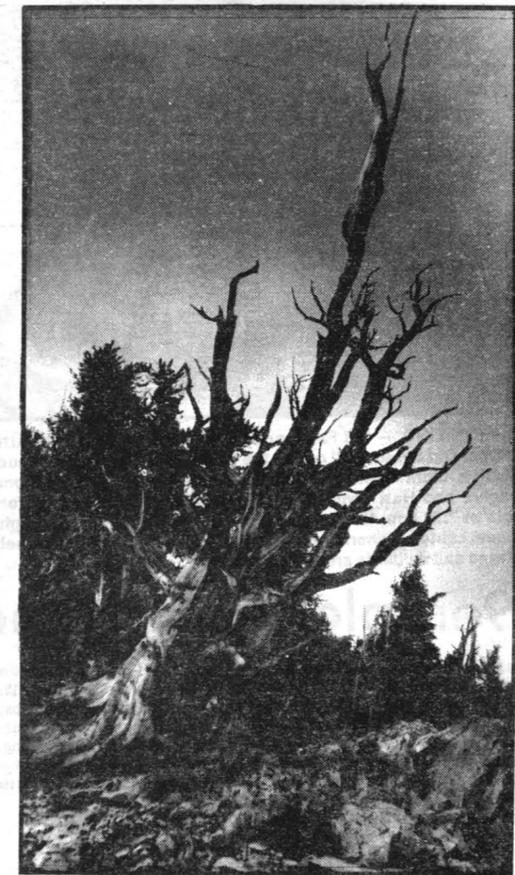
Some of the oldest living things in the world can be found just a few hours from China Lake. Perched high atop the White Mountains, east of the Owens Valley, is the Ancient Bristlecone Pine Forest where many of the gnarled trees are more than 4,000 years old.

These timeworn trees are easy to visit; just drive 125 miles north on Highway 395 to Big Pine, turn right on Highway 168, at the north edge of town, toward Deep Springs. The Ancient Bristlecone Pine Forest is about an hour's drive from Big Pine.

A steep, twisting road leads visitors past the old toll house



ANCIENT TREE — One of the oldest living things in the world, bristlecone pine trees growing in the White Mountains northeast of Big Pine, lure thousands of visitors up a steep and twisting road during a fleeting season of good weather.



BRISTLECONE — Gnarled and weathered, a bristlecone pine is silhouetted against the evening sky in the Inyo National Forest's Ancient Bristlecone Pine Forest near Big Pine.

that dates back to the time this was a private toll road and livestock and travelers had to pay a toll to continue on. Before Westguard Pass, travelers will see the turnoff for the bristlecones.

This road, while paved and maintained, offers no motorist services at all between Big Pine and the pine forest. There are no services and no water available in the forest either. Be sure to have enough gas and a car in reasonably good mechanical condition.

The forest service road to the two pine groves continues the climb begun on the main highway. By the time a visitor reaches the Grand View campground and the Sierra View scenic overlook, they are at about 8,500 feet elevation.

Grand View is the only campground in the area. It is a dry camp, so come prepared with water and food.

No other place in the White Mountains offers the perspective on the Sierra Nevada Mountains, just across the Owens Valley, that a visitor can get at Sierra View. Bishop lies below Sierra View and about 100 miles of the Sierra range can be seen to the west. Looking east, visitors can see the Deep Springs area and into Nevada.

Roughly five miles and 1,500 feet higher is the Schulman Memorial Grove parking lot. There are two self-guided nature trails winding through the twisted and weathered trees. Hidden in this ancient forest is the Methuselah Tree, estimated to be more than 4,600 years old. Visitors need at least two to three hours to begin to explore either of the nature trails.

After Schulman Grove, the road is unpaved and rugged, but it is passable to most vehicles with high ground clearance for a few months each year. Twenty miles further north is the Partriarch Grove which includes the largest of the Bristlecone Pines at nearly 11,000 feet above sea level.

Visitors need to be prepared for rain or snow anytime they venture into the high country of the White Mountains. The temperature is usually at least 20 degrees cooler than the Owens Valley and storms can come up quickly.

The road is usually open until the first heavy snowfall. Weather permitting, it will be kept open to Sierra View into the winter, allowing winter access to the Bristlecones for hardy snowshoers or cross-country skiers.

For travelers who like contrasts and have the time, it's possible to visit the Eureka Sand Dunes in the morning, then backtrack to the Westguard Pass road and up to the Bristlecones in time to see the sun setting behind the Sierra Nevada.

Story and photos by Steve Boster

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Exciting youth soccer action continues at NWC

Exciting soccer action continues every Saturday at NWC as 16 teams in three divisions meet in NWC's Youth Soccer League's fall season. Games begin at 8 a.m. on Saturdays at Knox Road and Davidove fields.

Division I Bandits 1, Fury 0

Andrew DuBois broke a 0-0 tie late in the second half to give the Bandits the victory. Michael Kelly, Justin Martin and Brad Simmons led the winners. The Fury got good play from Crissy Self, Jared Hemingway and Ronald Green.

Chiefs 3, Sun 2

Outstanding goal saves by Brett Trahey, backed up with goals from Brian Armstrong and Cheryl Weigert paced the Chiefs in the win against the Sun. Jeb Pershing and John Ames led the defense. The Sun got two goals from Matthew Girardot to make it close. Tiffany Austin, Brandon Coyne, Chris Martin, Tim Best and Anjel Avitia played well.

Coyotes 1, Rowdies 0

Matt Armstrong had the lone goal for the winners. He got strong support from Brett Thomsen, Chris Wagner and Robert Hoffman. Aggressive play from Aaron Verbeck, Adam Brackett and Robbie Vantine made it a close game all the way for the Rowdies.

Apollos 2, Roadrunners 0

Behind a two goal performance from Christopher Lovett, the Apollos were winners again. Jimmy Hutmacher, Dan Dowl-

ing and Bill Nelson also played well. The Roadrunners were paced by the play of Brandon Tullio, Nathan Mickelsen, Chris Moore and Vincent LeBlanc in the loss.

Express 3, Owls 0

Jim Orozco, Kurt Katzenstein and Behrang Goodarzivad did all the scoring for the winners while Justin Agee and Justin Weidenkopf keyed the defense. The Owls got outstanding performances from Justin Cerne and Mandy Frazier.

Eagles 2, Cobras 0

Aaron Arbuckle played a strong game in goal for the Cobras, but two shots got by. Kyesha Daniels led the Cobras' offensive effort. The Eagles were credited with a super effort on offense led by Meg Frisbee, Mike Fortune, Nick Charlton and Bryan Kash. Fortune scored first and Kash connected on the final goal late in the game.

Division 2

Sockers 7, Strikers 0

The Strikers defense must have still been asleep for this 8 a.m. contest, or at least they didn't see Vasken Haroutunian coming. He accounted for all seven goals with support from Randy Martin, Mitchell Tims



and Jason Ghormley. Jesse Owens was the leader for the Strikers.

Cosmos 4, Blizzard 0

A beautiful header into the goal by Louis Moore and other scores by Joe Mechtenberg, Michael Hobson and Aaron Cuevas keyed the Cosmos in the win. Reed Zamelin, Daniel Kelling and Matthew Bryner made excellent plays for the Blizzard.

Sting 3, Earthquake 1

Two goals by Jason Bowling paced the winning effort for the Sting. Lacey Cordell added the only other goal scored in the win. The coach called it the best game of the year for the Sting. Ryan Lilly, Mike Schurnacher and Warren Reihm were leaders for the Earthquake and Lilly had the lone goal.

Timber 2, Drillers 0

Sam Stevens and Braunson Lilly accounted for the goals as the Timbers blanked the Drillers. Scott Johnson led a very stingy defense. The Drillers did not turn in a score sheet.

Aztecs 5, Lancers 0

Glen Baker's three-goal hat trick paced the Aztecs to an easy victory. Defensive

leadership came from Brian Scatterthwaith. The Lancers did not turn in a scoresheet.

Division 3

Roughnecks 1, Tornadoes 1

Thanks to a goal from Kevin Self, the Tornadoes came back to tie the Roughnecks. Spencer Stevens and Garrett Katzenstein were leaders on defense. The Roughnecks were outnumbered again, but used the strong play of Kenny Carr, Jamie Scholl and others to force the deadlock.

Kicks 3, Sounders 2

The Kicks trailed 2-1 at the half, but dominated play thereafter. Top players in the win were Michael Blurton, Tiffany Marshall and Butch Boswell. Mike Ogren had both Sounders' goals, thanks to assists by Doug Banks and Doug Wilson. Defense from Charlie Johnson, Justin Hemingway, Hayden Wilson and Mic DeMin helped keep it close.

Whitecaps 6, Surf 0

In a one-sided encounter, the Whitecaps got goals from Pat Rindt, Dave Fowler, Beau Arnold, John Trahey and Damon Kelling. Sean Cassidy, Florian Ghiurau, Heather Pershing, Scott Richison and Marcus Lopez were outstanding players for the Surf.

Diplomats 7, Rogues 0

Two goals each from Jonathan Rae, Jason Maxwell and Shawn led to the winning effort. Sean Waldren had one goal as the Diplomats were easy winners. Joel Haynes and Jeff Barrett were leading athletes for the Rogues, but failed to score.

Sports

Last weekend for anglers

This is the final weekend of the general trout season in California. After next Friday most waters in the eastern Sierra region will be closed to fishing until next spring.

Lake Diaz near Lone Pine, Pleasant Valley Reservoir, north of Bishop and the lower Owens River are open to fishing year around as is Lake Isabella.

The early bird anglers next year can fish Topaz Lake on the Nevada border on Jan. 1. In California anglers will have to wait until March when the early trout season opens south of Independence.

Anglers in Mammoth Lakes, Rock Creek Lake and Virginia Lakes area have seen their luck decrease as cold weather and some snow arrives, but anglers are still landing some rainbows, mostly pan-size fish on salmon eggs and worms.

The hottest streams have been McGee, Hilton and Convict Creeks, above Highway 395 where anglers last week were catching limits of rainbows on marshmallows and other floating baits. These three creeks are closed to fishing below the highway to protect the spawning trout in the area.

Scorpions flawless in GESL following twin victories

Ripping all opposition, the Ridgecrest Scorpion Soccer Club's under-19 team went undefeated through their regular season in the Golden Empire Soccer League with two easy wins last weekend.

Ending regular season play as league champions with an 8-0 record, the Scorpions scored 50 goals while allowing the opposition just six tallies in the eight contests.

The under-16 Scorpions split a twin bill last weekend and prepare to close their regular season tomorrow (Saturday) at 1 p.m. when they host the Bakersfield Soccer Club at Murray School at 1 p.m.

Also last Saturday, the youngest Scorpion team was defeated by the league-leading Bakersfield Express, 5-2, in an under-14 division battle.

In the under-19 first game, the Scorpions blew past the Bakersfield Soccer Club, 8-1. The winners lead 7-0 at the half before resting the starters much of the second half. Bill Hugo and Armando Valdivia had two goals each while Scott Piri, Chris Johnson, Jim Caves and Joe Gregory added one goal each in the easy win.

With a perfect season riding on the outcome of the second game, the Scorpions were going all out to keep Inferno II from ending their hot streak.

The visiting Ridgecrest team scored first, seven minutes into the game. It was a tied game less than 10 minutes later, but then they went to work with determination to

grab a 3-1 lead at the half, enroute to the 7-1 victory.

In the second half three goals and an assist by Scott Piri paced the big win. Bill Ledden and Valdivia had two goals each in the win.

On Nov. 1 the Scorpions go after the League Cup Tournament title, at a time and place to be announced.

Under-16 action found the Scorpions bowing to the Sting, 5-2, in the first game. The home team had a 3-0 lead at the half and held off the Scorpions' second half charge.

Ted Armstrong and Danny Hobson had the goals for the visiting Scorpion squad.

In the second game, the under-16 team upset the Bakersfield Bears, 2-1. Defensive efforts by Richard Byers, Tom Caves, Jeff Jones and Matt Verbeck blanked the Bears in the first half.

Second half offensive efforts of the Scorpions produced goals from Ted Armstrong and Jeff Hannon.

Mike Bowen and Brendan Ledden scored late in the first half to keep the under-14 Scorpions close to the league leading, and unbeaten, Express team; but the second half was all Bakersfield in the 6-2 romp by the Express.

Coach David Watt praised the play of Ted Mechtenberg, Bowen, Ledden, Nathan Nickell and Philip Johnson in the hard fought encounter.

The young Scorpion host the Bakersfield Outlaws at 1:30 p.m. tomorrow, in a game set for Davidove Field.



The Skipper Sez...

QUESTION

Civilian dependent — Issue 86-101 of the NWC Announcements contains an article on page 2 entitled "Support Your NWC Clubs." The article lists all the possibilities for joining the three clubs if you are GS or DP level personnel on base. Does this mean that Wage Grade personnel are not allowed to join any of the clubs? My husband is retired Navy, but if we are not accepted in the clubs because he is now a Wage Grade worker, we certainly would not join, even though we are eligible due to his military service. I hope this was just a gross oversight on the part of the person writing the article.

ANSWER

You are correct in that an oversight was made. The clubs are yours as military, retired military, DOD civilians and dependents of each category. Your participation in the clubs is important and wholeheartedly requested to ensure vitality in the clubs which are a significant part of the NWC community. There are several additional categories of people who are associated with NWC that were not addressed in the NWC Announcements. If you have any questions on which of the clubs would most appropriately meet your needs, please see article below or contact Walt Schimke at NWC ext. 3387 or 3388.

QUESTION

Military personnel — I would like to compliment Capt. Burt and Cdr. Thompson for the upcoming hunt that is going to be held at NWC.

ANSWER

Thanks. Positive comments are most appreciated and are equally important in lending attention and direction to the operation of the Naval Weapons Center. Actually, numerous people and departments were constructively involved in overcoming hurdles and finding ways to meet environmental, historical protection, security and archaeological requirements while providing this recreational hunting experiment. Making good recreational use of the renewable game resource is the right thing to do and if we are successful this year in meeting requirements for safeguards while conducting recreational hunting, there will be continued opportunity for limited recreational hunting use of the ranges in future years.

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 Lakes community. Answers to these questions are directly from Capt. J.W. Patterson. 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.

Center clubs seek members

All the Center's civilian personnel are invited to become members of the mess for which they may be eligible and to take part in club activities.

Eligible for membership in the Commissioned Officers' Mess are GS-9s, their Demonstration Project equivalents and wage grade equivalents and above, as well as all Junior Professional employees. Some GS-9s, wage grade and Demonstration Project equivalents have the option to become members of the Commissioned Officers'

mess or associate members of the Chief Petty Officers' Mess.

GS-5s through GS-8s and their wage grade and Demo equivalents are encouraged to consider associate membership at the Chief Petty Officers' Mess. Enlisted Mess associate memberships are available to GSD-1s through GS-4s and their Demonstration Project and wage grade equivalents.

More information can be obtained by telephoning the COM at 446-2549, the CPOM at NWC ext. 3534 or the EM at 446-6929.

Woman survives ordeal

Mountain rescue groups bring aid

Adequate preparations for mountaineering might have saved a young couple a distressing experience a week ago when an Oakland woman, Debra Melvin, 32, became lost in the mountains above Big Pine. Thanks to the efforts of mountain rescue groups and helicopters, the young woman survived her ordeal.

She and her husband, Mark, had ascended Polemonium Peak on Sunday, Oct. 12, and did not have a map to plan their descent route. They finally reached their car at Glacier Lodge on Tuesday morning. After driving to Big Pine and Bishop for food and some new tennis shoes for her, they then started up the north fork trail to retrieve their gear they had left at their base camp.

At about 10 p.m. they separated because Mrs. Melvin was too tired to continue. He went on to bring back as much equipment as he could carry; she started back down but soon lost her way. When he reached Glacier Lodge Wednesday morning and did not find her, he first looked for her on the trail, then called the Inyo County Sheriff at 2 p.m. Wednesday.

By evening, two teams from the China

Lake Mountain Rescue Group and one from Inyo were in the field, and that night both a California Mountain Rescue Association callout was made and WOOF (dog) teams were called.

With the assistance of a helicopter from Edwards Air Force Base, tracks had been located. Bay Area Mountain Rescue Unit Teams and additional WOOF teams arrived Thursday afternoon. Mrs. Melvin was finally located at 2:20 p.m. Thursday. She was physically in good condition except for dehydration and blistered and swollen feet, but was totally disoriented as a result of hypothermia, dehydration and lack of sleep. She was flown out by California Highway Patrol helicopter.

CLMRG members participating included Lee Lucas as initial team leader, replaced by Daryl Hinman when Lucas had to return to China Lake.

Others were Bob Huey, Mike Renta, Mike Mason, Andrew Mitchell, Allen Jones, Paul Deruiter, Joann Barbee, David Silverman, Scott McDowell, Jim Roberts, Greg Rogers, Tom Roseman and Randy Walker. Coordinators were Sheila Rockwell and Carol Burge.

Navy reduces energy use

Today is the final day of the Navy's Ninth Annual Energy Awareness Week, marked at the Naval Weapons Center by a load-shed effort to reduce the Center's consumption of electric energy.

"Energy: Power to Win" was the theme for the week this year as the Navy seeks to promote efficient use of energy and encourage its conservation.

The Secretary of the Navy, John Lehman, in an energy awareness message, said "it is just as important as ever to manage our resources to ensure that readiness and sustainability are not compromised."

During the past week, personnel from NWC's Public Works Department have monitored energy consumption on-Center to record the impact on energy use brought about by the load-shed exercise.

For a week, Center employees and residents were encouraged to shut down all non-essential electronic devices at home and in work spaces. Lights were to be

turned out whenever a room was unoccupied, appliances such as coffee pots were to be turned off when not in use and all equipment secured at the end of the work day.

Center energy officials said China Lakers should remain energy conscious all the time, not just during this special week. There is a Navy goal to reduce net energy consumption by two percent a year, according to Major Pinion, branch head of the Public Works Department's Energy Control Branch.

Flags at half-staff to honor worldwide terrorism victims

Flags fluttering at half-staff yesterday drew many queries. The flags were lowered in deference to the following message:

"By Presidential Proclamation, the U.S. Flag shall be flown at half-staff on all buildings, grounds and naval vessels of the Federal Government in the District of Columbia and throughout the United States and its territories and possessions, to include all United States military facilities and naval vessels and stations abroad, on Oct. 23 in remembrance of all victims of terrorism throughout the world."

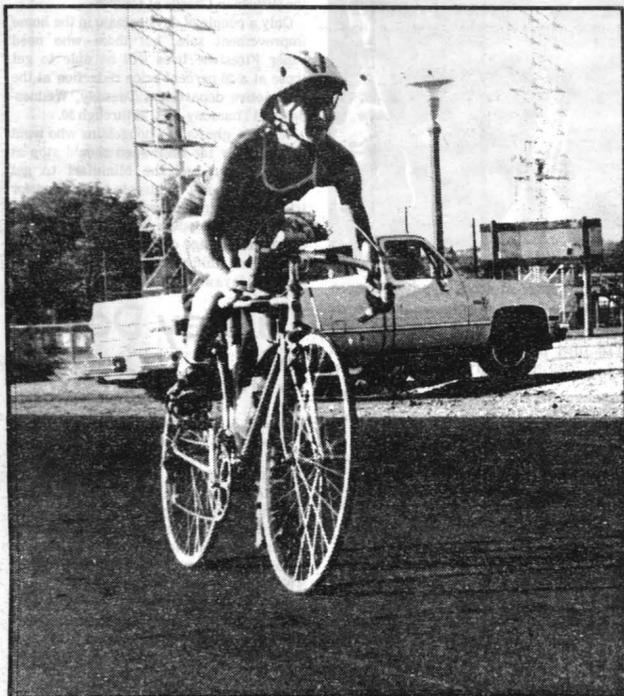
Last call for help

Any Code or organization that would like to adopt a family for either a Thanksgiving or Christmas basket and has not yet gotten in touch with the local Salvation Army Extension Unit, which is coordinating baskets in the Indian Wells Valley, should know that now is the time to do so.

Those who wish should telephone the Salvation Army number, 377-5319, and leave a name and contact telephone number and someone from the Salvation Army will call back promptly.

Covey tapes on hand

Audio tapes of the two-hour Technical Director's seminar entitled "Paradigm Shifting" by Dr. Stephen Covey can be borrowed from Code 094. Tapes may be checked out in the Learning Center, Room 100 of the Training Center, or by telephoning NWC ext. 2451.



TRIATHLON — One entrant in NWC's annual mini triathlon speeds down the street at the start of the 25-mile bicycle ride. The event attracted 164 entrants this year with Richard Valdez of Bakersfield coming away with the best overall time. — Photo by PH2 Rick Moore

Second triathlon attracts more than 160 entrants

Athletes from throughout the Kern County homed in on NWC last Saturday to participate in the 1986 Mini Triathlon. An estimated 168 persons took part in the event that included a half mile swim, 25-mile bike ride and a 6.25 mile run.

Swimming opened the day by pushing off in the Center's indoor pool at 8 a.m. and the last runner crossed the finish line to wrap up the action six and a half hours later at 2:30 p.m.

Amon Emeka, Kathy McElry, Richard Valdez, Dianne Lucas and William Wilson were top placers in the five individual classes. There were also three team classes winning awards for their performances.

The best individual time of the day belonged to Valdez, a Bakersfield entrant, who finished the course in 1:28:11. Top team honors went to a team of David Lowham, Alan Marshall and Dieter Weik with a time of 1:47:22.



IMPORTANT OCCASION — Capt. John Burt, Center Commander, signs the latest contract between the Center and Local F-32 of the International Association of Firefighters. Watching are Ed Rockdale, Labor Relations Specialist in the Personnel Department;

Michael Haynes, Union President and chief negotiator; firefighters Robert Tolson and Paul Hupka; and Assistant Fire Chief Richard Rivers and Fire Chief Lee O'Laughlin. The contract will run for 2 years and 4 months. — Photo by PH2 Rick Moore

Center personnel fly to Antarctica for tests



Maurice Hamm and Michael Shride from the Center's Aircraft Department went south in late 1976 to check out the NWC-designed and constructed Airborne Research Data Systems — south being all the way south, down to McMurdo Base in the Antarctic. They made five flights in a six-day period from the base of McMurdo Sound to the South Pole and back.

This system, for whose design work Sam Schoenhals in the same department was the principal investigator, records data on an aircraft's location and the environment in which it is flying. The aircraft in which it was mounted was an LC-130R Hercules, a transport and cargo-type aircraft in which they traveled. It was used in support of air particle and ozone sampling programs being conducted for the National Science Foundation.

Although the Airborne Research Data System had the capability of recording 100 different types of data, it was set up only to gather 28 kinds of information during flights to and from the South Pole. The most important of these were temperature, air pressure and dewpoint, as well as the aircraft's longitude, latitude and altitude.

The system was later modified to support some ice thickness measurements and conduct magnetometry measurements for the following summer season in the Antarctic.



77.5 Years of Naval Aviation



China Lake Police Reports

During this last week several traffic collisions kept police busy. One occurred in the parking lot north of Schoeffel Field; one of the drivers reported pains and said she would seek medical help. Another injury accident occurred in the 500 block of Burroughs Avenue when a motorcycle driver heading west lost control of the cycle, left the road and sustained minor cuts. His vehicle sustained moderate damage. On Thursday one driver made an unlawful left turn into the path of another vehicle at the intersection of Knox and French, resulting in moderate damage to the second vehicle. And an unknown driver struck a parked vehicle in the Michelson Laboratory compound and failed to report the collision as required so this is listed as a hit-and-run accident.

Juveniles were reported fighting in the area of Burroughs High School. By the time the police were called and arrived, the juveniles were gone.

When police stopped an adult female driver for a traffic violation, they discovered that she was an unlicensed driver, so she was cited for that as well.

Two individuals were picked up for driving while under the influence of alcohol: a woman was stopped at 2:32 a.m. on Oct. 16 and a man was stopped at 1:12 a.m. last Saturday. In both instances, although the stops were made for traffic violations, when officers discovered the drivers to be under the influence, they were transported to China Lake police station, held for five hours, then cited into court and released.

A non-injury traffic accident was logged at the east parking lot of Michelson Laboratory when a driver's Chevrolet van struck the overhead canopy, causing minor damage to the vehicle.

Some property taken from a building in the north range area resulted in a burglary report being filed.

A suspect who tried to drive through the locked gate south of warehouse 10 was arrested for possession of a concealed weapon, possession of a sawed-off shotgun and vandalism, as well as transportation for sale of dangerous drugs. A search of his

vehicle revealed a concealed knife as well as the gun and dangerous drugs in the vehicle. He was transported to jail.

An unknown vehicle struck a parked vehicle in the northwest parking lot at the Training Center, resulting in minor damage and a hit-and-run report.

Officers served a warrant on a suspect in base housing; the juvenile was released to the county probation department.

Unknown persons removed two power transformers from Warehouse 64. The value of these was sufficient to make this a grand theft.

A flame retardant jacket was removed from the electrical shop by an unknown person, a petty theft.

Officers observed a government vehicle parked off base with unsecured government property in the back of the truck. The

vehicle was taken back to the Center by the officers, and released to the appropriate responsible code along with the property.

An unknown person bent the rear wheel of a victim's bike at Richmond School. This is reported as vandalism.

A bicycle was reported as being stolen from a bike rack at Pierce School; the same bike turned up in the rack the next day.

The owner of a car that had been parked both at the Lauritsen Laboratory parking lot and on Saratoga reported that vandals had left five long scratches in the paint of his car.

One woman living in the Site B Capehart housing reported to police that she and her neighbors were having disputes over various things.

Vandals broke a window in the BEQ.

Two victims — an 11-year old and a 14-year-old boy — reported that a person unknown to them tried to hit them with a vehicle, which makes this an assault with a deadly weapon.

In a case of malicious mischief, an unknown person sprayed an unknown white substance on the sliding glass door of the victim's residence.

Government property was damaged when the stop sign at the intersection of Gold Canyon and Richmond Road was knocked over.

Theft of government property is how police listed the report of someone living in government housing who reported that an unknown person removed a screen door from the residence.

Job fair set

Representatives of national and local firms and of federal, state, county and city agencies will hold a job fair at the Ingalls Recreation Center at Fort Irwin on Wednesday, Oct. 29 from 10 a.m. to 2 p.m.

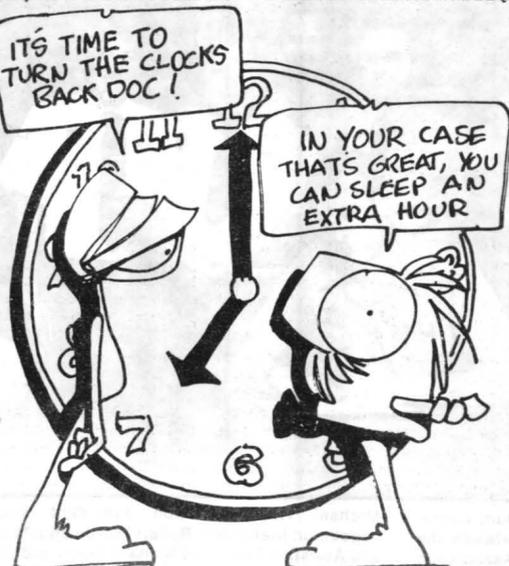
Those who plan to attend the fair should bring a resume, according to Vicky Jesse, who is coordinating the fair. The agencies attending will take resumes and explain what jobs they have to offer, but will not hire that day.

No fee will be charged to job seekers. Further information can be obtained from Ms. Jesse at (619) 386-3091 or George Merriman of the Victorville Employment Development Department at (619) 245-5393.

Patterson ...

(Continued from Page 1)
Ordnance Missile Test Facility at the White Sands Missile Range in New Mexico.

Following an assignment in Washington, D.C., he returned to NWC as Commanding Officer Enlisted Personnel in March of last year. He has also served as head of the Aircraft Department before becoming Deputy Laboratory Director last March. Capt. Patterson served as Commander of the Center from June 27 until Capt. John Burt relieved him in August, at which time he again became Deputy Laboratory Director.



Standard time starts Sunday at 2:00 a.m.

Dependents entitled to identification cards

The identification card is one of the most important documents service men and women and their family members use. Without it, family members can't get medical treatment, shop in the commissary or exchange, or use morale, welfare and recreation services.

Unfortunately, some military members believe they can take away their spouse's identification cards.

A military member does not have the right to do that, according to Army Col. Fred K. Green, director of legislation and legal policy for the assistant secretary of defense for force management and personnel. He said, "Generally, all benefits that flow to the spouse or dependent of military members have their origins in statutes or in regulations. They are derived from the status of the military members. The sponsor does not determine eligibility for the identification card and has no right to control it."

While the determination of who gets an identification card is derived from the

status of the military member and the legal relationship of the spouse, the actual identification card is issued to the holder through the military departments. "Withholding an identification card is a command decision alone," said Green.

The misunderstanding concerning "ownership" of an identification card often results, said Green, because a sponsor normally accompanies his spouse to apply for the card. "The sponsor makes application, supplies the marriage certificate and signs the paperwork," said Green. But it is possible for a spouse to obtain an identification card without the sponsor's

signature, he continued, "so long as the spouse can show they are still legally married."

Spouse rights can also come into question overseas. There is a misconception that military sponsors can force family members to return to the United States by invoking regulations that allow military family members to return home without their sponsors.

Green said involuntary return of a spouse is rare and that in most cases where family member misconduct has become a burden on the command, the sponsor will be returned to the States with his family.

There are provisions under which a spouse can have command sponsorship revoked, but those instances are rare. "About all the military sponsor can do is obtain travel orders and tickets," said Green. "But it is the spouse's decision alone to use them."

Spouses can voluntarily elect to return from overseas areas if they are having severe financial or marital difficulties. However, when a service member resorts to withholding identification cards, it's an indication of serious marital discord that needs to be settled outside the military personnel system. In that case, Green recommended obtaining counsel from the local legal assistance office.

"Spouses of military personnel have certain rights regarding their entitlements," said Green. "But when the control of those entitlements comes into question, we feel it is best to work to resolve the underlying marital difficulties before the situation reaches a point where it will have adverse effects on a military member's career."



Military News



RETIREMENT TIME — BM1 Raymond Maples takes his final salute as he and his wife, Betty Lou, pass through the ranks of his fellow Seabees following retirement ceremonies at McBride Park. Petty Officer Maples retired with 29 years total service, the last five

of which were as the master-at-arms from Reserve Mobile Construction Battalion Detachment 0217 at China Lake. A Korean-era veteran, BM1 Maples was given accolades at a unit picnic prior to the formal retirement ceremony. — Photo by JO1 Carolyn Dettling

The chart below provides a brief overview of medical benefits now available to members of the U.S. Navy family. Additional in-

formation on health care benefits is available from Lyn Wilson, Health Benefits Advisor at the NWC Branch Medical Clinic.

PATIENTS	UNIFORMED SERVICES FACILITIES		CIVILIAN HEALTH AND MEDICAL PROGRAM OF THE UNIFORMED SERVICES (CHAMPUS)		
	Hospitalization/Outpatient		Basic Program		Program for the Handicapped
			Hospitalization	Outpatient	
Spouse or child of active duty member	On a space-available basis		Eligible, but may need Non-availability statement	Eligible	Eligible
Eligible former spouses	On a space-available basis		Eligible but may need Non-availability Statement	Eligible	Not Eligible
Retired member	On a space-available basis		Eligible unless entitled to Medicare (Part A). Also, may need non-availability statement.	Eligible unless entitled to Medicare (Part A).	Not eligible
Spouse or child of retired member					
Surviving spouse or child of deceased active duty/retired member					
Dependent parent or parent-in-law of active duty, retired, or deceased member	On a space-available basis		Not eligible	Not eligible	Not eligible
COSTS	Hospitalization/Outpatient	Hospitalization	Hospitalization	Outpatient	Program for the Handicapped
Spouse or child of active duty member	\$7.30 per day (rate reviewed annually)	No charge	\$7.30 per day or \$25 whichever is greater (rate reviewed annually)	20% of allowable charges above the deductible (first \$50 each fiscal year-\$100 maximum per family)	Patient's share per month depends on paygrade of sponsor-\$25 for E-1 to \$250 for O-10. CHAMPUS pays remainder up to \$1,000 per month
Retired: Enlisted Officer	No charge	No charge	25% of the allowable medical facility charges and allowable professional fee	25% of allowable charges above the deductible (first \$50 each fiscal year-\$100 maximum per family)	Not eligible
Spouse or child of retired or deceased member	\$7.30 per day (rate reviewed annually)	No charge			

NEX News

Upcoming will be a 24-hour hotline and information line for use by Navy Exchange customers so that these customers can tell the NEX how they feel about service and to get information about sales. As soon as the number is available, it'll be announced in the Rocketeer.

Anyone who'd like to volunteer to become a "mystery shopper" to assist the NEX in evaluating its salesclerks is asked to call the Officer-in-Charge at 446-2586.

Only a couple of days remain in the home improvement sale, but those who need super Firestone tires will be able to get those at a 20 percent price reduction at the automotive department Tuesday, Wednesday and Thursday, Oct. 28 through 30.

Witches, ghosts and hobgoblins who want to get ready for Halloween should stop at both Toyland and the Minimart to get costumes, masks and treats to pass out for trick-or-treaters next week.

Christmas shoppers have through Oct. 26 to take advantage of the sale on Playskool, Hasbro and Milton Bradley toys. These can be put on layaway.

Turkey Day Contestants now sought

Children, ages 4 to 12, are eligible to participate in the Annual Turkey Day Coloring Contest sponsored by the Youth Activities Branch of the NWC's Recreational Services Department from November 1 to 20.

Entry forms may be picked up at all NWC Recreational Services Department facilities. All entries must be turned into the Information, Ticket and Tour (ITT) Office by 4 p.m. on Thursday, Nov. 20.

Judging will take place on Thursday, Nov. 20 and winners will be notified by the next day. Buttons will be awarded to all participants. First runner-up will receive a pizza from John's Pizza. First through third place winners in each age group (ages 4-6, 7-9 and 10-12) will receive ribbons. The grand prize will be an ice cream cake from Baskin Robbins. The top 30 entries will be displayed at the Center Theater from Nov. 21-30. Winners must pick up their prizes at the ITT Office prior to Wednesday, Nov. 26.

For more information please call the ITT Office at NWC ext. 2010.



LEARNING FROM CASSETTES

GETTING RESULTS THROUGH PEOPLE

1-hour audio cassette by Roger Kirkham

Intended Audience: Managers and supervisors.

Scope: Improving accountability is essentially a matter of defining expected results at various levels of responsibility on a week-to-week basis, having each level of responsibility account for actual results in light of preplanned expected results, and identifying results to be achieved for the coming week.

VOCAB

A set of 6 audiocassettes.

Scope: Vocab can quickly improve your reading, writing, and speaking skills. Vocab gives you more than the definition of each functional word, it gives you examples of how the word is used in sentences. It gives you synonyms or other words close in meaning for the functional word. There are 500 words on the functional word list, each of which is given in context. They are all useful words, and words that most people have trouble using or understanding. Each word listed is a noun, adjective, or verb. For almost all of these words other, associated forms are taught at the same time. With the adjective decadent, you learn the noun decadence. With the noun frugality, you learn the adjective frugal. It is easy to make adverbs from these words and so you add to your vocabulary decadently and frugally.

LISTEN TO COMMUNICATE

Self-study program consisting of one 3/4-inch video and six audiocassette tapes.

Scope: In this course you should learn how to communicate more effectively by increasing your skill in hearing what people say, listening to (receiving) the message, and interacting with understanding. This course should help you understand physical and

environmental factors that influence your ability to hear, help you understand cultural and psychological factors that influence reception and understanding of spoken language, help you to develop skills in getting information from spoken language, and help you to develop sensitivity in responding to spoken messages.

The course can be taken in two versions: Basic Plan takes 3-1/2 to 4 hours to complete and the Extended Plan takes about 7-1/2 hours. The course can be taken by one or more persons simultaneously in one or several sessions. The training program may be used in the Learning Center or checked out for use in the workplace.

INFLUENCING MORE EFFECTIVELY

1-hour audiocassette by Roger Kirkham.

Scope: This course teaches clear thinking. It also teaches how to put clear thinking in writing. You will experience specific tools, techniques, and approaches that will enable you to be direct, specific, and to the point in anything you write. You will learn how to apply these tools in reports, letters, memos, proposals, requests, suggestions, and recommendations. You will learn how to emphasize the main message and how to get the desired response.

For more information and to reserve these courses, call ext. 2451.

SURVEY FOR INTEREST IN MANAGEMENT INFORMATION SYSTEMS COURSES

It is possible that management information systems (MIS) courses could be taught at NWC as part of the Cal-State Bakersfield undergraduate program in business administration. We are conducting a survey to find the need for such courses here. Call Cyndi Jones, ext. 2648, to obtain a survey form. (Code 094)



Personnel News & Notes

No. 69 / October 24, 1986

Naval Weapons Center, China Lake, California 93555 6001

PROMOTIONAL OPPORTUNITIES

Applications for positions listed in this column will be accepted from appointable Department of Navy employees within the area of consideration and from eligible employees of attached activities who are permanently assigned to NWC unless otherwise specified in the ad. Appointable means career or career conditional employees, temporary employees with reinstatement or VRA eligibility and employees serving under Veterans Readjustment Appointments (VRAs). 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 then addresses the specific Knowledge/Skill/Abilities (KSAs) cited in the ad. Write the position title/series/level and announcement number on 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. 08-065, Payroll Supervisor, GS-544-7, Code 0853 (This is a detail NTE 120 days).

Incumbent supervises 7-10 payroll clerks. Duties include: assigning and scheduling work; establishing procedures; training new employees; providing guidance and assistance; spot checking the work of subordinates; maintaining basic master control accounts for leave and payroll; preparing special reports as required; serving as the control point and liaison for all payroll accounting data to and from the data processing group and handling special accounts. **Knowledge:** of computerized payroll system; of federal payroll and leave regulations; of leave and labor accounting. **Ability:** to supervise. Willingness to support EEO goals and objectives. Promotion potential to GS-7.

No. 08-066, Supervisory Program Analyst, DA-345-2/3, Code 0853 — Position is that of branch head, Payroll Branch. Responsibilities include planning the organization and assignment of work within the branch; maintaining internal controls to insure accurate payrolls and reporting of the distribution of labor; maintaining retirement records and preparing applicable reports; and prepare payroll, tax, labor and other required reports. **Knowledge:** of payroll and leave systems, Federal Regulations relating to payroll and leave systems; of data processing as related to payroll, leave and labor accounting. **Abilities:** to supervise and administrate; to coordinate and control work is imperative. Willingness to support NWC's EEO program and objectives. Promotion potential to DA-3.

No. 08-067, Supervisory Budget Analyst, DP-560-3/4 — Incumbent will serve as head, Corporate Budget Staff. Responsibilities for all phases of budget execution, formulation, control and monitoring of direct, overhead, capital and service center budgets and for conducting financial analyses. **Abilities:** to prepare clear and concise written and oral communications; to deal tactfully and effectively with others; to supervise. Willingness to support NWC's EEO program and objectives. Promotion potential to DP-4.

No. 26-071, Management Analyst, DA-343-2/3, Code 2693 — Position is located in the Planning Department, Facilities Planning and Resources Division, Public Works

Department. Incumbent is responsible for preparing documentation for projects, site approvals, reports and budgets as required by the Navy's Shore Facilities Planning System (SFPS). Coordinates the planning of new or modified facilities of widely varying complexity in support of the Center's mission. **Elements:** ability to use a variety of management techniques and methods together, analyze and evaluate information; to analyze problems and develop logical solutions; to communicate well both orally and in writing. Promotion potential to DA-3.

No. 31-161, Clerk-Typist, GS-322-3/4, Code 3109 — Incumbent provides clerical assistance to the Mission Support Systems Program office. Duties consist of receiving and screening visitors and incoming phone calls; receiving, opening and screening mail; typing official letters, memoranda and reports; maintaining office files; performing timekeeping duties, etc. **KSAs:** knowledge of NWC clerical office procedures, policies and processes. Ability to perform receptionist and telephone duties. Promotion potential to GS-4. Status applicants may apply.

No. 32-232, Munitions Destroyer Helper, WG-6505-5, Code 3252 — Provides logistics support, transportation of hazardous and non-hazardous materials and warehousing for the Ordnance Systems Department. Performs a variety of repetitive manual and mechanical tasks in the transporting and disposing of experimental explosives, propellants and other hazardous materials. Receives, stores and ships these items. **Elements:** Reliability and dependability; shop aptitude; ability to follow directions in a shop; ability to work as a member of a team; safety and dexterity. **Supplemental required.** Promotion potential to WG-7.

No. 36-193, Supervisory Engineering Technician/Supervisory Mechanical Engineering Technician, DT/DP-802-3, Code 36531 — Position is for a section head located in the Engineering Drawing Branch. Incumbent supervises a group of engineering technicians/engineers and provides documentation support to major programs. **Elements:** Knowledge: of personnel policies, procedures and NWC EEO goals; of Center instructions regarding documentation policy; of the acquisition cycle so that documentation requirements

can be integrated with the phase of the particular program. **Ability:** to provide technical direction to subordinates in documentation preparation, quality and requirements; to provide guidance and assistance to contractors regarding documentation preparation; to supervise a diverse work group. Promotion potential to DP-3.

No. 36-194, Supervisory Engineering Data Management Specialist, DS/DP-301-3, Code 36531 — Position is for a section head located in the Engineering Drawing Branch. Incumbent supervises a group of engineering technicians/engineers and provides documentation support to major programs. **Elements:** Knowledge: of personnel policies, procedures and NWC EEO goals; of Center instructions regarding documentation policy; of the acquisition cycle so that documentation requirements can be integrated with the phase of the particular program. **Ability:** to provide technical direction to subordinates in documentation preparation, quality and requirements; to provide guidance and assistance to contractors regarding documentation preparation; to supervise a diverse work group. Promotion potential to DP-3.

No. 62-111, Engineering Technician, DT-802-1/2, Code 6221 — This position is located in the Air Operations Branch, Range Operations Division, Range Department. The incumbent controls ground access to the north ranges and the Mojave B-2 range, maintains a log of all personnel entering or leaving the ranges and their location while on the range. The incumbent assists the Air and Ground Test Conductors with coordination of ground personnel associated with the test, maintains a daily record of the updated range test schedule, broad-

casts schedule changes and must be aware of range status at all times. **Knowledge:** of all ranges; of proper radio and telephone communication procedures. **Abilities:** deal effectively with people. Promotion potential to DT-2. Previous applicants need not reapply.

No. 62-120, Photographer, DT-1060-2, Code 62312 — This position is Optical Instrumentation Technician Fixed Camera Section of the Electro-Optical Branch, Instrumentation Division, Range Department. The incumbent operates, maintains and provides limited design and development support of highly specialized optical and electronic devices to gather test data for NWC ranges. **Skill:** in operating photo-optical and electro-optical equipment. **Ability:** to perform as a member of a team. **Knowledge:** of field instrumentation technology. Position has promotion potential to DT-3.

No. 31-162, Supervisory Physicist, General Engineer, Electronics Engineer, Computer Scientist, DP-1310/801/855/1550-4, Code 319 — This position is that of head, Systems Engineering Division, Aircraft Weapons Integration Department. The division provides detailed analysis for strike aircraft tactical systems (such as the A-4/AV-8, A-6, A-7, A/H-1, F/A-18) and the development of tactical system software including software design, implementation, technical direction and control of projects assigned to the division. **Job Relevant Criteria:** Knowledge of physics, analysis of physical systems and avionics. Knowledge of operational software development. Knowledge of Center support functions; analytical ability. Ability to deal effectively with personnel inside and outside government. Desire and willingness to support NWC policies and goals.

Recent Additions

Code	Name	Title
0854	Burk, Patty A.	Clerk
25251	Swanson, Elsie E.	Contract Spec.
36213	Phillips, Merlin W.	Mechanical Engr.
62	Lamb, William T.	General Engr.

Recent Separations

Code	Name	Title
08	Stockdale, Sybil O.	Financial Mgt. Advisor
08C3	Thompson, Robert G.	Computer Scientist
2413	Atoigue, Henry O.	Police Officer
3914	Coe, Thomas F.	Electronics Engr.
62231	Jones, John E.	Ordnance Equip. Mech.
62312	Riggin, Dale	Engrg. Tech.

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. 26-072, Interdisciplinary Architect/Civil/Electrical Engineer, DP-808/810/850-2/3, Code 2693 — This position is located in the Planning Branch, Facilities Planning and Resources Division, Public Works Department. The incumbent is responsible for the planning, design, layout and maintenance of real property (buildings, structures, utility systems and associated

plant and technical equipment). The facilities may be test facilities, laboratories or other specialized or general purpose facilities. Prepares facilities documentation. To apply, submit current SF-171 to Tim Silberberg, Code 2693, NWC ext. 2411 x409. Promotion potential to DP-3.

No. 39-046, Interdisciplinary (Physicist/Electronics Engineer), DP-

Help a smoker to quit — adopt a smoker

To help those who wish to quite smoking, the American Cancer Society suggest that family, friends or co-workers "adopt a smoker." The following "adoption papers" formalize the arrangement:



Adoption Papers

I, _____, as a nonsmoker, will take it upon myself to help _____ on the path to smokelessness. For my part I will provide you with constant encouragement, fruit and peanuts if need be, and a shoulder to cry on.

It will be expected that _____ will assist me by adhering to the following suggestions:

1. Hide cigarettes, ashtrays, lighters and matches.
2. Tell all your friends that you have been adopted and will not smoke on the day of the Great American Smokeout (GAS), the third Thursday in November.
3. Call on your foster nonsmoker (me!) in times of weakness.
4. Refrain from frequenting smoke filled rooms.
5. Repeat to yourself over and over "not smoking is a GAS."

I, _____ the foster nonsmoker will try to cajole the aforementioned smoker to continue on the road to smokelessness following the Great American Smokeout, but this formal arrangement will conclude 24 hours after it began.

Signed: _____ Signed: _____ Date: _____
(foster nonsmoker) (temporary smoker)

NA-23046-10/27-86

1310/855-2/3, Code 39403 — This position is head, Target Signatures Project Office. The incumbent manages the Navy Wide Target Signatures Program including target, atmospheric and background measurements and modeling. Responsibilities also include staying abreast of current Navy requirements for IR Signatures, organizing, planning and con-

trolling specific programs which lead to answering questions and issues in these areas. The position requires a cooperative effort with other government agencies and with industry. Experience in atmospheric phenomenonology and spectral measurements desirable. Send copy of current SF-171 to Wayne Doucette, Code 394, NWC ext. 3528.

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. 33-025, Secretary (Typing), GS-318-5/6, Code 331 — The incumbent provides secretarial support to the Division Head and staff of the Sensor Systems Division. Knowledge and working skill of the IBM Displaywriter and/or PC and WORDSTAR skill desirable. Promotion potential to GS-6, but not guaranteed.

No. 39-045, Secretary (Typing), GS-318-4/5, Code 3942 — Provides secretarial support to the Air-To-Surface Guidance Branch. Promotion potential to GS-5.

Navy's policy on political activity

Here's a reminder of the Navy's policy on partisan political activity by its employees. By Federal law, Federal employees are prohibited from active participation in political management or political campaigns. The prohibitions are also subject to the restrictions while on leave. These restrictions do not apply to nonpartisan political activities (i.e., school board, city council, planning commission, etc.). During this election period it is particularly important that employees are aware of the following:

WHAT EMPLOYEES MAY DO

YOU MAY register and vote as you choose.

YOU MAY assist in voter registration drives.

YOU MAY express your opinion about candidates and issues.

YOU MAY participate in campaigns where none of the candidates represent a political party.

YOU MAY contribute money to a political organization or attend a political fund-raising function.

YOU MAY wear or display political pictures, badges, buttons or stickers.

YOU MAY attend political rallies and meetings.

YOU MAY join a political club or party.

YOU MAY sign nominating petitions.

YOU MAY campaign for or against referendum questions, constitutional amendments, municipal ordinances, etc.

RESTRICTIONS

YOU MAY NOT campaign for partisan candidates or political parties.

YOU MAY NOT make campaign speeches or engage in other activity to elect a partisan candidate.

YOU MAY NOT be a candidate or work in a campaign if any candidate represents a political party.

YOU MAY NOT collect contributions or sell tickets to political fund-raising functions.

YOU MAY NOT distribute campaign material in a partisan election.

YOU MAY NOT organize or manage political rallies or meetings.

YOU MAY NOT hold office in a political club or party.

YOU MAY NOT circulate nominating petitions.

YOU MAY NOT campaign for or against a candidate or slate of candidates in a partisan election.

Employees are reminded, however, that restrictions on political activity does not relieve them of their obligation as citizens to keep informed on all political issues and to register and vote.

Questions can be directed to the Personnel Department, Code 091, NWC, ext. 2592.

Dr. Prabhakar on-Center Nov. 13

Dr. Jagdish Prabhakar of Cal-State University Northridge (CSUN) will be on-Center Nov. 13 to advise current and prospective students in the external degree programs offered by the school.

CSUN has external degree programs in electrical engineering, applied mechanics and mechanical engineering at NWC which lead to a master's degree. CSUN also has an external degree program in electrical engineering which leads to a bachelor's degree.

Those who wish to see Dr. Prabhakar are asked to make an appointment by telephoning Cyndi Jones at NWC ext. 2648.

Writing test to be given Nov. 3

On Monday, Nov. 3, the English Writing Proficiency Test will be given at 1 p.m. Cal-State Northridge students should take the exam as soon as application for admission has been approved. This test must be passed before being granted unconditional status as a master's candidate.

Graduate students must attain unconditional status before earning more than 12

units of academic work acceptable towards the master's degree. Fee for this examination is \$12. Checks must be made payable to California State University Northridge (CSUN).

For more information, or to make arrangements to take this exam, contact Cyndi Jones at NWC ext. 2648.



Personnel Development Opportunities

TECHNOLOGY REVIEW & UPDATE FOR TECHNICIANS
1-5 December, Monday-Friday, 0800-1600, Naval Post-Graduate School (NPG), Monterey, CA.

Tuition: \$450.

Scope: Intended for technical personnel who want to refresh and update their knowledge of linear and digital integrated circuits, radar technology, software, and microwave/millimeter-wave technology. Each participant in this course is expected to be involved in work in at least one of the areas mentioned. The course should provide a good overview and stress the more practical aspects of the topics listed.

COURSE OUTLINE

Radar & EW Technology

- Introduction to radar systems and range equation
- Signal processing and tracking
- Phased array-ESR
- Introduction to electronic warfare
- ESM
- ECM and ECCM

Programming Languages & Systems

- Fundamentals of higher order languages
- 4th generation language Ada
- 5th generation language PROLOG
- Software engineering environments

Personal Computer Software

- History of microsoftware development
- Systems software on personal computers
- Software development tools for personal computers
- Application software for personal computers

Solid State Sensors

- Introduction: Sensor Applications
- Physical principles used for sensing
- Processing silicon for use in sensors
- Integrated sensors: their design and performance

Microwave/Millimeter Wave Technology

- Modern microwave design techniques
- Modern microwave measurement techniques
- Characteristics of millimeter waves and applications
- Transmission media, sources, and detector technology

Integrated Circuits Overview I

- Op-amp primer: understanding the IC op-amp
- Some new linear ICs
- Data acquisition: DACs and the latest A/Ds
- Filters: some basics and the new switched-capacitor circuits
- The evolution of the IC technologies from the bipolar transistor to modern-day VLSI
- Present-day disc memories with IC feature sizes

Integrated Circuits Overview II

- 32-bit microprocessors
- RISC architecture
- LSI for telecom
- LSI for office automation
- Trends in memory technology
- Local area networks

A more complete brochure is available at the Training Center, Room 104.

Note: NWC has reserved 20 spaces in this course. To apply, submit on-Center Training Request and Authorization Form (12410/73) including a job order number for tuition, to Code 094.

Deadline: 31 October.

After the deadline, Code 094 will forward one DD1556 to NPG for the 20 selected attendees. Attendees will be responsible for their own transportation and lodging. A BOQ telephone number will be provided. (Code 094)

STATEMENT OF WORK/R&D

24 November, Monday, 0800-1130, Training Center. By Donette Capello.

Intended Audience: Scientists, engineers, and technicians who write statements of work for research and development hardware or services.

Scope: Students should bring a statement of work they are working on for a new contract or delivery order. The class will critique statement-of-work samples.

Deadline: 10 November.

INTRO TO SOFTWARE MANAGEMENT

26 November, Wednesday, 0800-1600, Training Center. By D. Farrell, Code 01A51.

Scope: 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 management approaches and problems.

Deadline: 12 November.

NAVY SOFTWARE SPECS, STDS, POLICIES, & PROCEDURES

24 and 25 November, Monday and Tuesday, 0800-1600, Training Center. By Sandy Pryor, Code 3605.

Scope: DOD, Systems Commands, and NWC have issued many regulatory and guiding documents for software development and support. During this class the various types of documents, their purposes, and usage will be addressed. The software development life cycle will be presented to establish an understanding of the activities, milestones, and products that are guided by these documents. Identification of the documents applicable to NWC and information on how and when to apply them will be structured toward the areas of software acquisition, management, implementation, documentation, configuration management, quality assurance, testing, and security. Special emphasis will be given to the background, content, and application of DOD-STD-2167 and DOD-STD-1679A.

Deadline: 10 November.

INTEGRATED LOGISTICS SUPPORT (ILS)

18 November, Tuesday, 0800-1600, Training Center. By Luke Thomas, Code 3604.

Scope: Emphasizes what program managers, not practitioners, need to know about ILS. The course includes a discussion of the ILS concept and the objectives of the program as related to operational capability; approaches to be taken by program managers to apply the ILS concept to acquisition programs; a tailoring of the ILS concept to program complexity; and an explanation of the relationship between ILS and associated acquisition disciplines.

Deadline: 4 November.

AH INTRODUCTION TO MICROCOMPUTERS

19-21 November, Wednesday-Friday, 0800-1600, Training Center.

Intended Audience: Electronic mechanics, computer and terminal repairmen, instrumentation technicians, and electronics personnel who work with microcomputers.

Scope: Topics include CPUs, memory devices (RAM, ROM, and mass storage), clock circuits, CPU reset circuits, power supplies, I/O devices (VIAs, PIAs, keyboards, printers, and displays), and software (machine language, assembly language, and BASIC).

Deadline: 5 November.

NWC PROCUREMENT PROCESS

25 November, Tuesday, 0800-1130, Training Center. By Helen Cropper, Code 25204.

Scope: This is a "how to" workshop designed to familiarize Center personnel with the procurement process. Topics include preparation of 9-part stubs, purchase descriptions, commercial vs. system orders, stub flow, lead times, and GSA orders.

Deadline: 11 November.

WORKING EFFECTIVELY WITH PEOPLE

8 and 9 December, Monday and Tuesday, 0800-1600, Training Center. By D. Ward, Instructor

Scope: This is an interpersonal communication course. Topics include active listening, assertion techniques, how to make requests, how to give personal feedback, and problem solving techniques.

Deadline: 24 November.

CAREER OPTIONS & STRATEGIES AT NWC

12 December, Friday, 0800-1600, Training Center.

By Code 09 Staff.

Scope: You will learn to realistically and systematically set personal and professional goals. You will learn how to research the Federal job market and use the SF 171 and the interviewing process to meet career objectives. There will be a presentation on career opportunities at NWC. There will be discussions of the importance of personal style, Government business etiquette, and time management. This workshop will help entry-level personnel get into a career-progression and will help to maximize their full potential at NWC.

Deadline: 28 November.

FINANCIAL MANAGEMENT FOR NEW SUPERVISORS

3 December, Wednesday, 0800-1600, Training Center. By Gale Poppen.

Intended Audience: New supervisors and supervisors who need a review.

Scope: Provides new supervisors some basic information about the NWC financial system. The course covers basics such as the NWC financial organization, levels and kinds of funding received, the overhead system, rate stabilization, and acceleration (fringe).

Deadline: 19 November.

WRITING MEMOS AND SERIAL LETTERS THE NAVY WAY

23 December, Tuesday, 0800-1130, Training Center. By Odessa Newman.

Scope: Provides a brief on Chapter 1 (Naval Writing Standard) of the Department of the Navy's *Correspondence Manual* and highlights policies and procedures in Chapter 2. Chapter 1 will strengthen your skills in organized, natural, compact, and active writing.

Deadline: 9 December.

INTERPERSONAL COMMUNICATION SKILLS FOR MANAGERS AND SUPERVISORS

1 and 2 December, Monday and Tuesday, 0800-1600, Training Center. By Roger Kirkham.

Scope: You will learn to apply the tools, techniques, and approaches of interpersonal communication skills. Topics include

- People react to how they're treated.
- Why should supervisors and managers be concerned about interpersonal communication?
- What stifles interpersonal communication within organizations?
- Why don't you understand what I'm thinking?
- What you expect is what you get.
- How to overcome and prevent communication going sour

Deadline: 17 November.

DONT—PREVENTION OF SEXUAL HARASSMENT CLASS FOR SUPERVISORS

4 December, Thursday, 0800-1530, Training Center. By NWC Sexual Harassment Prevention Training Staff.

Scope: This is the Department of Navy approved "Prevention of Sexual Harassment" training course that is mandatory for all supervisors. This course includes defining sex discrimination and sexual harassment, the legal and regulatory bases, organizational responsibility for prevention, supervisor counseling skills, and other related topics.

Deadline: 20 November.

TECHNICAL COMMUNICATIONS WITH EMPHASIS ON WRITING

3 and 4 December, Wednesday and Thursday, 0800-1600, Training Center. By Roger Kirkham.

Scope: Many technical people have trouble communicating their ideas to fellow professional personnel as well as laymen. This course will help you "get the message across" so that you get the desired response. Topics include focusing on the main message, translating technical jargon into plain English, emphasizing the important points when writing, using effective technical illustrations, writing effective proposals, writing to-the-point letters and memos, and giving effective presentations.

Deadline: 19 November.

To enroll in these classes submit Training Request Form (NAVWPNCEN 12410/73) via department channels to Code 094.