



FAIR UPCOMING — Hanging the first poster announcing the free health screenings the Health Fair Expo will offer on April 19 from 9 a.m. to 3 p.m. are (from l. to r.) Floyd Forrand, Site Coordinator; Gary Staab, Volunteer Supervisor; and Dick Walters, President of the local Exchange Clubs.
— Photo by PHAN Bob Reynolds

Health screenings offered April 19

All area residents are invited to take advantage of the free health screenings offered at the Health Fair Expo scheduled for Saturday, April 19 from 9 a.m. to 3 p.m. at Drummond Medical Group.

In an effort to minimize long waiting lines the Fair committee is asking individuals to please adhere to the following schedule. Senior citizens and handicapped individuals only will be seen from 8 to 9 a.m. People with last names beginning with A to I are slated from 9 to 11 a.m. From 11 a.m. until 1 p.m. is reserved for people with last names beginning with J through Q. People with last names beginning with R to Z are asked to come from 1 to 3 p.m.

The purpose of Health Fair Expo is health education, the early detection of ab-

normalities and the promotion of health awareness.

Free services and screenings will be offered for height, weight, blood pressure, anemia, vision and health counseling. For a \$12 fee, participants can take a blood test that provides a complete blood count and the results of 24 blood chemistries, including cholesterol, diabetes, and liver and kidney functions. Fasting prior to the blood test is not required.

The screenings are not intended to replace a thorough physical examination by a physician and those with apparent abnormalities will be urged to consult their physician for follow-up examinations.

Several local organizations will also be present with health displays and exhibits

DCC plans annual dinner

Dr. Louis Jolyan West, an internationally renowned psychiatrist, will be the keynote speaker at the annual dinner meeting of the Desert Counseling Clinic on Saturday, April 19.

The meeting will be held at the Commissioned Officers' Mess. A social hour begins the evening at 6 o'clock, with dinner served at 7 p.m. Cost of the dinner is \$10.00, including tax and tip. Reservations must be made by Wednesday, April 16, by telephoning either Sophie Dodge or Bonnie Palmer at 375-9781.

Dr. West will talk on "The Effects of Torture and Brainwashing on the Human Spirit."

Currently professor and chairman of the department and Director, the Neuropsychiatric Institute; Psychiatrist-in-Chief, UCLA Hospital and Clinics, Dr. West has

had a distinguished career. He has been a faculty member at several universities, has served in the Armed Forces, and has served as a consultant to many government agencies in addition to being an examiner for the American Board of Psychiatry and Neurology.

All interested persons are invited to attend the dinner meeting.

Entertainment, exhibits on tap

A full day of activities from 9 a.m. until 4:30 p.m. is planned tomorrow at the High Desert Festival of the Arts to be held at the Desert Empire Fair Building at the fairgrounds. Everyone is invited to attend this free event.

In addition to the items on display, a performance schedule has been set. At 10:15 a.m., Jeff Johnson's slides of India will be shown, to be followed at 11 a.m. by instrumental ensemble groups from the Desert Community Orchestra, and a presentation at 11:30 by the Civic Light Opera and Theater Association.

At noon the China Lake Dancers will perform, to be followed by another photographic showing by Johnson. At 1 p.m., Las Sonrisas will entertain, followed by a string quartet from the Burroughs High School orchestra at 1:30 and vocal music by the Sweet Adelines at 2 o'clock. Finishing the day, at 2:30 and 3 p.m., respectively, are CLOTA and more ensembles from the Desert Community Orchestra.

Membership Night

New members will be welcomed at the Commissioned Officers' Mess Membership Night on April 18. The fantastic band SIVA will perform for listening and dancing pleasure and a buffet dinner will be served from 6 to 9 p.m. Reservations are required and tickets must be picked up from the COM office by the close of business on April 16.

Movies

FRIDAY, SUNDAY	APRIL 11, 13
"WHITE NIGHTS"	Starring Mikhal Baryshnikov and Gregory Hines (Political/Drama, rated PG-13, 136 min.)
SATURDAY	APRIL 12
"RAINBOW BRITE & THE STAR STEALERS"	(Animated, rated G, 85 min.)
MONDAY	APRIL 14
"THAT WAS THEN, THIS IS NOW"	Starring Emilio Estevez and Craig Sheffer (Drama, rated R, 102 min.)
WEDNESDAY	APRIL 16
"BRING ON THE NIGHT"	Starring Sting and Omar Hakim (Music/Documentary, rated PG-13, 97 min.)
FRIDAY	APRIL 18
"CLUE"	Starring Martin Mull and Lesley Ann Warren (Mystery/Comedy, rated PG, 87 min.)
Starting Times: Matinee / 2 pm Evening / 7 pm	
* U.S. Government Printing Office. 1986 - No. 20050	

FROM: _____ PLACE STAMP HERE

TO: _____

Machine shop replaces flood-damaged flooring

Michelson Laboratory's machine shop is sporting a beautiful new floor to replace the one damaged by the flood of August 1984.

When the water poured into the machine shop area that day, the wooden blocks that were installed when the shop was built in the mid 1940s absorbed the moisture. Since the blocks were not sealed, just fastened to the coal tar base over the concrete floor, they popped out of place as the wood swelled. The blocks were not separated with any expansion joints either; all that was between the blocks was sand. The floor was completely unusable when the water was pumped from the laboratory.

Fortunately, most of the machines had high enough bases so that they were kept out of the water, although three motors below floor level had to be baked or re-wound and five of the precision machines did suffer some rust damage.

Estimated cost of the needed rehabilitation of the machine shop was a little over \$1 million. That work is now complete.

First step (once the water had been pumped out) was to remove all the machinery (in two phases) so the entire floor could be ripped out. The raceways built in the concrete to allow power to be

brought in for running machines all needed to be cleaned out, and wiring replaced.

Wooden blocks were again used for the floor because they make a good base for a machine shop. Wood is easier on the machinists' feet, reduces vibration, is sound absorbant and serves as a cushion if a part is dropped. The blocks are now attached with a mastic (something like Elmer's glue, says Bill Cooper, associate head of the Engineering Prototype Division), and the expansion joints between them are filled with ground cork. The whole floor has been covered with a sealer over both wood blocks and the cork to protect

them and the blocks treated to make the flooring more fire retardant.

The Engineering Prototype Division under Dale Randle took the opportunity to rearrange the machines when they were moved back into the machine shop. The NC Machines are now arranged for future machining cells, with machines whose functions could be compatible being placed opposite each other.

NWC contract representative for the work was Jim Stevens and the work was performed by C. Martin Company of Ridgecrest.

Technical Director's Award presented to Don Witcher for his 'leadership, vision and many achievements'



WELL DESERVED AWARD — Burrell Hays, NWC Technical Director, presents the Technical Director's Award to Don Witcher for his outstanding work in the Weapons Department's Warfare Analysis and Requirements Office.
— Photo by PHAN Bob Reynolds

Technical leadership, vision and achievements in weapons and warfare analysis brought the Technical Director's Award to Don Witcher of the Weapons Department's Warfare Analysis and Requirements Office.

Burrell Hays, NWC Technical Director, made the presentation to Witcher as many of his co-workers looked on. Hays called Witcher a "world-class expert" who was willing to share his knowledge with the Navy.

An award like this, commented Witcher, is largely attributable to the people you work with, noting he had worked with some excellent people in the office over the years.

"It has been a long haul, and this is gratifying," added Witcher who has been a key leader in the Weapons Department since it was founded in 1975.

D.G. Bullard, head, Weapons Department, said in his letter of nomination, "Witcher has shown an uncanny ability over the years to predict those areas of technology which will become of critical importance to the overall combat effectiveness of the Navy, and to focus the efforts of his analysis on those crucial

issues." Hays told Witcher he "heartily agreed" with the nomination based on the leadership that has brought a national reputation to the Warfare Analysis and Requirements Office for analysis of air and surface weapons along with their associated sensors and fire control systems.

Bullard's letter also cited Witcher's encouragement of the investigation of new technologies, "both in analytical tools and in weapons systems. As a result of his leadership and foresight, several new weapons system concepts and major system configuration modifications have been introduced."

Witcher was also commended for having done an outstanding job as a manager, commanding loyalty and best efforts of brilliant creative analysts.

An NWC employee since May of 1961, Witcher has sent several analysts who trained under his tutelage to positions of high responsibility in government and industry.

The work of Witcher's group has, according to Bullard, "influenced decision makers at the highest levels in the Navy and the Department of Defense."

Welcome Aboard party slated Tuesday

Supervisors, co-workers and friends of newly arrived military personnel and junior professionals are encouraged to attend the Welcome Aboard party being held on April 15th at the Commissioned Officers' Mess beginning at 5:30 p.m.

Military officers being welcomed aboard include Capt. K. Eugene Allen, Cdr. Frederick C. Lentz, Jr., LCdr. Dorothy Michael, LCdr. Donald M. Burks, Lt. William B. Binnie, Lt. Kenneth D. Bowersox, and Lt. Edward J. McCool.

New Junior Professionals being welcomed include Michael J. Adkins, Brenda

L. Allen, Christopher Antonsen, Ferguson Ayers, David H. Belt, David J. Blackburn, Debra L. Borden, Harold Davis, Daniel L. Decker, Charles Ensign, Jack D. Folk, Charles E. Frankenberger, Kim A. Frankenberger, Albert T. Gabaldon, Paul M. Gordon, Linda M. Haynes, Wesley C. Hensley, Dr. Peter Herbine, Michael J. Hogan, Dr. Robin Hunt-Kramer, Clyde A. Hunter, John A. Kapeles, Michael R. Karst, Charles Keyes, and Eid A. Khatib.

Also being welcomed on-board are Dr. Michael Kramer, Ross N. Kruse, Anthony

O. Lee, Gordon R. McClellan, Karen J. Murphy, Michael P. Occhionero, Bryan J. Oglvie, William M. Plummer, Alvin L. Quintana, Scott D. Rogala, Clay E. Schonhoff, Robert C. Seavey, Michael J. Sim, David M. Smallwood, Scott Swanson, Duke H. Tran, Huu F. Tran, Chau B. Truong, Richard L. Urbanski, Duc T. Vu, and Arlynn W. Wilson.

A donation of \$3 is being asked from everyone attending the reception, except the honorees' to offset the cost of the hors d'oeuvres. Reservations are not required.



Weekend Roundup

Comet watchers who want to get a view of Halley's Comet in an area free of city lights and pollution are invited by the Bureau of Land Management to get such a view tonight and tomorrow evening.

The viewing will be on public lands east of Highway 395 and about 28 miles south of Ridgecrest, between Ridgecrest and Kramer Junction (better known locally as "Four Corners"). The "comet party" will begin at 7 p.m. both nights, although the best visibility period is between 11 p.m. to 1 a.m. The comet can be seen at that time about 10 degrees above the horizon, traveling from south to southeast.

Although no facilities are available at the site, campers are welcome. Everyone planning to attend should wear warm clothing and should bring food and water. Since the best viewing is with binoculars, everyone planning to comet-watch should bring a pair to use.

Further information about the comet watching can be obtained by telephoning Fred Coe at the BLM Ridgecrest Resource Area Office, 375-7125.

Authorized patrons and guests are invited to enjoy entertainment by George Smith, a solo entertainer, while enjoying the Friday night's special of prime rib at the Chief Petty Officers' Mess. Smith will be performing from 6 to 10 p.m. with dinner being served from 5:30 to 9 p.m.

Enjoy the Enlisted Mess special seafood plate consisting of oysters, scallops, shrimp and perch fillet tonight from 5 to 9. Afterwards, enjoy the music from Passion Red, a top 40 rock group from L.A. playing from 9 p.m. until 1:30 a.m.

Authorized patrons and guests are reminded that Wednesdays are Disco nights at the Enlisted Mess. Disco to the music of Upstage from 8 to 11:30 p.m. this Wednesday.

NEX News

Income tax filing deadlines have arrived, and for those who are still preparing their returns (or who decided that this is the year that they are really going to get organized), the Navy Exchange retail store still has filing cabinets and other items required.

The "spring fix-up" sale is now underway and will continue through next Wednesday. The sale features both garden needs and auto care needs.



	Max	Min	Peak Gust	Precip
Fri.	74	41	15 knots	
Sat.	75	44	26 knots	trace
Sun.	62	45	17 knots	0.03 in.
Mon.	70	43	22 knots	
Tues.	76	40	14 knots	
Wed.	81	40	12 knots	
Thurs.	85	48	12 knots	

All measurements are made at Armitage Airfield.

Center geologist tours Mexican quake area

Dr. Glenn R. Roquemore, Naval Weapons Center geologist, toured Mexico City in February to study the affects of Sept. 19, 1985 Mexico earthquake. Dr. Roquemore made the trip as a member of the National Research Council's panel on Seismic Hazard Analysis.

Panel members were briefed by Dr. Emilion Rosenbluth of the Instituto De Ingenieria, Universidad Nacional De Mexico, before touring the city to investigate more than 300 destroyed or severely damaged buildings. "Even though a small fraction of the total buildings in the world's largest city were damaged; the view was staggering," said Dr. Roquemore.

Even five months after the devastating 8.1 magnitude earthquake, only buildings containing fatalities had been removed. Panel members noted life went on as usual in the lower stories of some buildings where the collapsed upper stories still dangled overhead. Dr. Roquemore noted most of these severely damaged but still habitable structures will not be repaired for years.

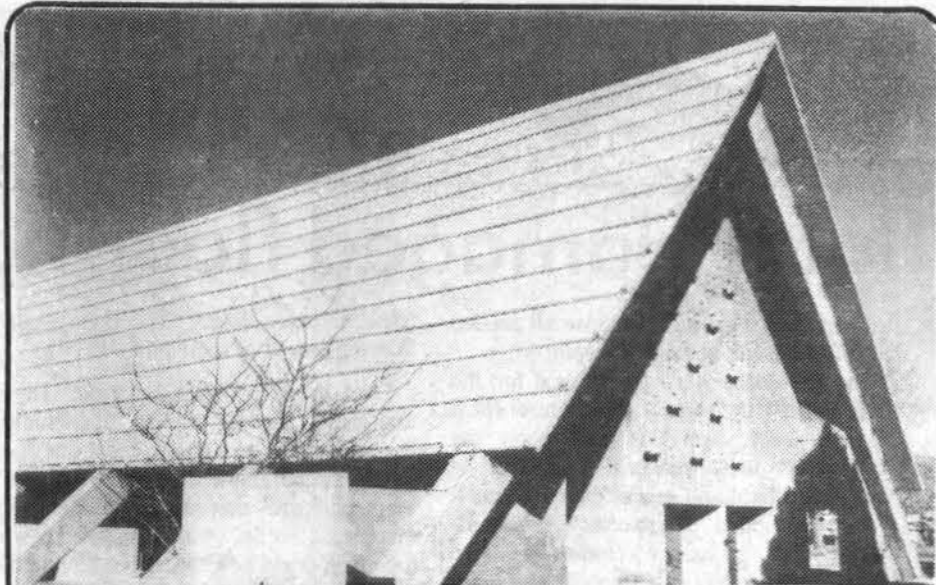
During the visit, Dr. Roquemore noted typical cleanup operations consisted of a few men perched in the rubble pitching down broken concrete and other building material. A depressed economy will likely help prolong the slow process of clean-up and repair.

(Continued on Page 7)



EARTHQUAKE DAMAGE — Mexico City is still recovering from the 1985 earthquake responsible for the damage in this photograph taken by Dr. Glenn Roquemore of NWC when he toured the city earlier this

year. This earthquake is being studied to see what implications there are for the Center and the Indian Wells Valley based on similar types of soil under parts of the valley.



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)

Tuesday 7:30 p.m. (Nursery provided) Sept. through June
 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 Jason E. Knott, LCdr., CHC, USN
 Phone, NWC ext. 3506, 3507

Community Seder planned by Hebrew Congregation

Members and guests of the NWC Hebrew Congregation will celebrate a Community Seder on the second evening of the Passover holiday on Thursday, April 24, at 6 p.m. in the East Wing of the All Faith Chapel. The Seder will be led by Student Rabbi Jordan Cohen and will be enhanced by the musical talent of Cantor Janece Erman from Temple Beth El in San Pedro.

In accord with ancient tradition, the Community Seder is open to all interested people who would like to attend. The traditional dinner, prepared by women of the congregation, will include roast chicken, chicken soup with matzo balls, tzimmes (a mixture of potatoes, yams and carrots), and there will be a choice of beverages and desserts. Cost of the dinner is \$6 for adults and \$3 for children under 12 years of age.

Reservations are required and must be made by April 18. They can be made by telephoning June Wasserman after 5 p.m. at 375-8538, or Debbie Schwarz, 375-3873.

Traditional foods will also be found on the Seder plate symbolizing the way Passover was celebrated during the time of the Temple when people pilgrimaged to Jerusalem and had their Paschal lamb

sacrificed at the Temple, the food of the first Passover, a reminder of the bitterness of slavery, and wine to celebrate the joy of freedom, out of which some is removed to remind all of the plagues that had to be suffered to obtain that freedom.

Many calendars show that Passover begins on April 24, but, since the Hebrew calendar is based on both the lunar and solar cycles, all holidays begin at sundown the evening before. The dual system is used because the lunar year is about 11 days shorter than the solar year. The inconsistencies have been alleviated by inserting an extra month during the 3rd, 6th, 8th, 11th, 14th, 17th and 19th year of a 19-year cycle.

Seder is only held on the first two evenings of Passover, but no leaven food products are eaten during the rest of the days of the Passover holiday. In addition, matzo is eaten that is made especially for each Passover season.

The Passover holiday is one of the oldest continually observed holidays in the world. The Hebrew congregation invited all interested persons in the community to join with them in the Community Seder.

Bjorklund nominations sought

Nominations are again being sought by the East Kern Chapter of the American Society for Public Administration for their prestigious R. W. Bjorklund Management Innovator Award.

Eligible for the award are line and staff public employees of local, state and federal government, local school districts and public service organizations in the Indian Wells Valley who have made a significant innovation in management processes or community related management functions.

Achievements can be initiation of new management ventures, advancement of

community related projects, innovation in management techniques, creation of more effective organizational structure, and improvement of employee motivation or development.

Anyone aware of qualified individuals may submit a nomination. It should include a detailed description of the achievement and should also name one or more informed persons with whom the award nomination can be discussed.

Nominations should be submitted to George Linsteadt, Code 01T3, Naval Weapons Center, China Lake, CA 93555.

Profits from ESB benefit rec funds

Catering trucks run by Sandwiches 'N Things that service the entire base, including airfield and ranges.

Community recycling center located on Richmond Road near the south gate. The concessionaire buys aluminum cans from the public on Saturday mornings between 8 a.m. and noon. The concessionaire also picks up loads of computer paper from many Center codes, and recycles newspapers.

A shoemobile that visits the Center every six weeks between 7:30 and 9:30 a.m. at the

Safety Office. Both military and civilians can buy safety shoes, boots and related items.

Although ESB was not able to establish a convenience store on the Center, it was instrumental in obtaining permission for civilian residents of Navy housing to use the NEX Minimart.

ESB is also striving to obtain permission from Washington to establish a private postal service on the Center for the convenience of military and civilian residents.



WELCOME CHECK — John Shoaf, head of the Recreation Services Department, accepts a check for welfare and recreation services from Dick Malone, who heads the Employee Services Board.

Disaster Survey underway

As part of the Salvation Army's disaster services, the Ridgecrest Salvation Army is undertaking a survey of senior citizens and the disabled.

The survey will generate a list of those individuals who, in case of a disaster, might need special assistance and reassurance. The list will allow disaster personnel to check on conditions of senior citizens and disabled. The need for such a list was identified by Jean Blecha, head of the Homemaker Service, and Carol Bond, Senior Nutrition Program Manager, following the flood of 1984.

Several other United Way agencies will assist the Salvation Army in obtaining survey information: Homemaker Service, Senior Information and Referral, Indian Wells Valley Association for Retarded Citizens and Desert Counseling Clinic.

In addition, survey forms will be available at the Senior Information and Referral booth at the Health Fair, April 19.

New library hours

Because of government-wide personnel draw-downs, the Center Library must cut back its hours of service. Effective on Saturday, April 19, the library will be closed on Saturdays, will be open from 10 a.m. until 6 p.m. on Sundays, and will be open from 10 a.m. until 8 p.m. Mondays through Fridays.

Anyone not contacted by the above agencies can telephone the Salvation Army's tape answering machine, 377-5319, and a worker will fill out a survey form during a return phone call.

Profits from ESB benefit rec funds

For the second time in less than a year, the Employee Services Board has been able to contribute a substantial amount of money to the Recreation Services Fund.

ESB was established to operate a number of essential services on the Center. Since civilian nonappropriated fund activities such as ESB are not allowed to be operated as a means of accumulating funds, profits from these services are used to improve the services and facilities and then for welfare and recreation programs that will benefit civilian employees of the facility.

A five-member board, appointed by Command, plus a union representative and a technical advisor supervises ESB activities. Doris Funk, the ESB manager, is located in Bldg. 00670 (Dorm 18), and can be reached at ext. 2446 between 1 and 3 p.m. weekdays.

Facilities currently operated by ESB include:

A barber and beauty shop in Bennington Plaza, employing three barbers and a beautician.

Full slate of soccer competition on weekend

Lots of energy was displayed last weekend by all the teams involved in the Center's Youth Soccer program.

Division One
Roadrunners 1, Chiefs 1
 Excellent defense by Daniel Webb of the Roadrunners kept the total team effort put out by the Chiefs from succeeding in bringing about a lop-sided score. Goals were scored by Glenn Baker for the Roadrunners and Michael Hobson for the Chiefs.

Express 9, Coyotes 0
 Despite valiant efforts by Jesse Owens, Danny Hartley and Matthew Girardot of the Coyotes, the Express rolled over their team with seven goals scored by Vasken Haroutunian, and one each by Chris Potten and Matthew Armstrong. Brian Satterthwaite of the Express also got kudos for his effort.

Eagles 2, Owls 0
 Goals for the Eagles were scored by Jason and Nick Ford, as Kate George and Aaron Cuevas provided interesting play. The offense for the Owls was led by Matthew Byrnes and Chris Moore.

Rowdies 7, Apollos 0
 Leading the scoring attack for the

Rowdies was Neil Covington, who scored three goals. Scoring one each for their team were Mark Garland, Melissa Frazier, Harley Barton and Louis Moore.

Cobras 5, Fury 2
 Goals were scored for the Fury by Daniel Kelling and Jeffrey Janson; no material was turned into the Rocketeer about who scored the goals for the Cobra team.

Division 2
Sting 2, Sockers 0
 Sting goals were scored by Ryan Flores, assisted by Marty Brightwell, and on a penalty kick by Andy Lopez. Strong play by Chris Blevens and Richard Jones helped the Sting. Haydn Wilson played a strong game as goalie for the Sockers, but he had trouble moving because of an injured leg.

Timbers 2, Earthquakes 0
 Despite strong defensive plays by the Earthquakes, the Timbers scored twice on free kicks by Mike Frederick. Super defensive play for the Timbers was turned in by John Orozco, Sean Cassidy, and Joe Tuipala.

Blizzard 2, Aztecs 1
 Isaac Curran led a solid defense for the Blizzard as Eric Armstrong and John

Haney scored the goals. Scoring for the Aztecs was Ben Friedman in this tough battle. Agustín Hernandez and goalie Elliot Borden played a sizzling defensive game in the loss.

Lancers 4, Drillers 0
 During a very fast paced game, the scores were made by Stephen Yoo, Mike Ogren, David Renner and Sean Waldron, with assists on two goals by Robert Ricks and Renner. The play of Sean Kajiwara, Sam Stevens and Heather Scott for the Lancers was outstanding.

Strikers 4, Cosmos 1
 Damon Kelling, with two goals, and Joe Ernst and Joe Mechtenberg, with one each, were the ones who scored for the Strikers, as Chris Thornberry scored the sole goal for the Cosmos. Even though outnumbered 11 players to 9, the Cosmos fought gamely, with goalie Joshua Benson saving eight more shots on the goal.

Division 3
Diplomats 8, Sounder 0
 A new defense by the Diplomats was credited by them with leading to the lop-sided victory. Scoring goals for their team were Jerry Green, one goal; Chris Mar-

shall, two; Matthew Thatcher, two; and Alex Valdavia, three. Providing good defense in the last quarter for the Sounders were Toñi Tuipala and Spencer Stevens.

Roughnecks 3, Tornados 1
 Despite good teamwork by Adam Drybread, Brad Bays, Jason Rainwater and Brad Bullock of the Tornados, the Roughnecks scored three times. Making their goals were Beau Arnold, assisted by Mike Kinney; Pat Garrison, assisted by Mike Kinney; and Garrison. Scoring for the Tornados was Jason Rainwater.

Kicks 7, Surfs 0
 Excellent defense by Jeff Barrett, Amy Ernst and Rex Lindsay of the Kicks helped ensure this victory. Scoring the goals were Charles Eberhart, two; Jeremy Pierce, two; Mike Graves, two; and Steven Frazier, David Gartner, Aaron Rife, Brian Giesen, and Robin Hemmings.

Division 4
Rogues 1, Whitecaps 1
 A well played game by both teams resulted in the tied score. Derek Lindsey scored for the Whitecaps, and Kirk Swasey and Sandy Tennant provided outstanding play for the other team.



SWING BATTER — China Lake's 1986 Little League Baseball season brings tomorrow (Saturday) with opening day ceremonies set for 3 p.m. at Diamond Four. A full slate of games is on tap for this season opener.

Little League underway

"Play Ball!" will sound a Diamond 4 tomorrow afternoon at 3 p.m. when China Lake's Little League season begins again.

Special events for opening day will include exhibition innings of T-ball, farm and minor divisions, followed by two major division games.

China Lake Little League is a non-profit organization dedicated to providing a fun, instructional youth sports program. Sixteen teams will play this year in the league, with major division season beginning tomorrow,

minor season on Monday, and T-Ball and farm division seasons starting on April 21. All games are played at Diamond 3 and 4 or in Inyokern at the Inyokern ball field. Everyone who likes sports or kids is invited to attend opening day activities as well as regular season games.

Information about the league or schedules can be obtained by telephoning M. Moore, 446-2914, or K. Moffitt, 446-6781, after 6 p.m.

Navy sports conference plans three tournaments

Three Southern Pacific Sports Conference Tournaments are set for next month, two of them in the San Diego area.

Open to active duty military personnel only, the competition coming up includes chess at Naval Station San Diego on May 5-9 and soccer the same dates at a location to be announced.

Rifle and pistol competition will be held at Naval Air Station Miramar on May 10-23. Active duty military personnel may also be eligible to attend Navy sports training

camp. Camps for racquetball will be held April 28-May 10 at NAS Miramar, while soccer will be taught at NAS Oceana on May 15-June 5.

There will be a men's softball camp at NAS Jacksonville July 7-August 9 and women's softball on July 7-August 15 at NAB Little Creek.

For additional information on any of these, call the NWC Sports Branch NWC ext. 2334.

Fitness program at gym

Three new fitness programs at the NWC Gym have a "Race Yourself and Be a Winner" theme this year.

These fitness programs are open to all eligible users of NWC athletic facilities and are sponsored by the Sports Branch of NWC's Recreational Services Department.

For additional information, stop by the gear issue desk or call the gym office at NWC ext. 2334.

Users of tennis courts are reminded that only authorized personnel may use tennis courts on board the Naval Weapons Center.

Quake area tour . . .

(Continued from Page 1)

The earthquake damage carries with it several new questions in earthquake hazard analysis, including how well the Indian Wells Valley would fare in a major earthquake originating along the southern San Andreas Fault.

Prior to the 1985 Mexico City quake the impact to the valley by such a quake was a lightly taken matter. Now, says Dr. Roquemore, new research will focus on how to mitigate the potential threat from such an earthquake at the Naval Weapons Center and the Indian Wells Valley. Based on what is known from extensive instrumentation in place during the 1985 earthquake and because soils underlying parts of the valley could be very similar to Mexico City, the need for such research is enhanced.

In Mexico, the magnitude 8.1 earthquake occurred 350 kilometers from Mexico City and it still destroyed or badly damaged up to 3,000 buildings, caused \$4 billion in dam-

age and took at least 8,000 lives, leaving 50,000 homeless.

The ground motion in Mexico City was strongly amplified by soft, water-saturated sediment beneath part of the city. Mexican scientists told the touring group the damage was more extensive than had been anticipated because, in part, ground motions were greater than had been expected when building codes were designed. This resulted in particularly severe damage to buildings with natural frequencies of vibration in resonance with the natural frequencies of the sediments, or brought into resonance by period lengthening from progressive damage.

The 1985 disaster was no scientific surprise, just as the big quake, when it comes, will not be a scientific surprise in southern California. The question remains how well prepared the state, NWC and the community will be for that big earthquake.



QUAKE DAMAGE — This is just one of many buildings damaged in Mexico City.

NWC Rocketeer

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Mini-triathlon highlights youth fitness month

In celebration of National Youth Physical Fitness month, the Naval Weapons Center Recreational Services Department and the Ridgecrest Recreation Department are co-sponsoring this year's Youth Mini Triathlon being held Saturday, May 10.

This year's young athletes will be challenged to a one-mile-run, a four-mile bicycle race, and a 125-yard swim.

Competitors may enter the mini triathlon as an individual or as part of a team. Each participant will receive a Mini Triathlon T-shirt as well as awards being given to first through 10th place finishers.

Two preliminary conditioning events have been planned to help the youth get into

shape and experience the distances of the actual race courses. These conditioning events have been scheduled for April 12 and May 3. They will run from 8 to 9:30 a.m.

A \$2 fee will be charged for these practice events and may be paid at any of the three event sites (NWC indoor pool, Murray Jr. High track and gymnasium) the day of the

workout.

Registration fees for this year's Youth Mini Triathlon are \$4 per person for pre-registration and \$6 per person for late registration which will be held the day of the Triathlon at 7:30 a.m. with the race beginning at 8 a.m.

To benefit from pre-registration reduced fees, forms and fees must be received no later than Thursday, May 8. Participants may register at the NWC Information, Ticket and Tour Office or at the Ridgecrest City Recreation Department, 231 Station Street, Mondays through Fridays from 9 a.m. to 5 p.m. or call NWC ext. 2010 or 375-1522 for more information.



Sports

Scorps tie Fontana in IEYSL

Last Saturday morning the Under-19 team of the Scorpions Soccer Club tied 1-1 in a game with Deportivo Fontana in a contest at Fontana High School.

In this, their first game of the Inland Empire League spring season, Scorpions seemed to be back at competitive club pace. Four preseason matches against very strong teams saw Scorpions very stale from a relatively inactive winter, but steadily improving.

The Scorpions defense was again strong. They have yielded only two goals in their last three matches, those against La Jolla, Bakersfield, and Fontana. Scott Brady of Fontana made a good diagonal run to the center at the 25-minute mark of the first half, received a shielded pass and fished the shot past Scorpions keeper Jason Cherry. Scorpion defender John Placencia was beaten only by inches; it was simply a top class score.

The Scorpions midfield was back near top form. Much improved quickness to loose balls and more composed protection of the ball and selection of passes was evident. The Fontana field was very small, so skill and technique had to be excellent. The opponent was strong; playing for Fontana High School, they finished 10th in the CIF 4A rankings.

Forwards for Scorpions were also at their best for this season. Joe Pakulak was recovered from an ankle sprain suffered at Granada Hills. Brian Collie showed more aggressiveness than usual and displayed superior skill on the ball. A Scorpion penalty score came after Bill Ledden broke free in the penalty. Fontana keeper Mike Ouellet tripped up Ledden after Ledden had pushed the ball past the keeper and was set to kick it into the empty net.

Scorpions Under-19s play at home the next five Saturdays. Tomorrow they host the Barstow Condors at 3:30 p.m. at Davidove Field.

Grunion take off two months

Finger fishermen (those going after grunion in the only legal manner) will have to put their angling efforts on hold for two months to guarantee the tasty little silver-sides will be around for future generations of California anglers to enjoy.

California Department of Fish and Game has suspended the 1986 grunion season for runs expected during April and May. The hand-take of grunion can begin again on June 9 when a run is expected to start at about 10:32 p.m. The southern California beaches are expected to be jammed with grunion on June 9, June 23, July 8 and July 23 before ending their annual series of spawning runs.

While fish and game wardens will be watching for illegal take of grunion during this closed period, they can't cite anglers for just looking.



SOFTBALL TIME — Girls' softball play got underway at China Lake recently. The Express and Roadrunners teams clashed in this contest of 9-12 year old teams. — Photo by PHAN Bob Reynolds

Isabella bass fishing season improves despite wet, cold and windy weather

Despite the rain, hail and wind in the Lake Isabella area last weekend, lots of anglers turned up to take advantage of the good bass fishing. Bass are biting in both north and south fork areas wherever the water is from six to 10 feet deep. They are also biting on everything from surface lures such as Rebels and Rapalas to rubber worms (black, purple or root-beer brown).

Department of Fish and Game personnel

remind anglers that no bass measuring less than 12 inches in length can be kept — the others must be released and returned to the water. A lot of anglers have been getting ticketed for not remembering this change in regulations.

Catfish are only biting intermittently. Those that are caught are nice-sized fish, but many anglers are going home without any fish at all.

Bluegill are now starting. Best place to catch them is the rocky banks around the lake. Crappie are only beginning to bite — and then just for anglers fishing from boats.

The river was planted with trout last week below Lake Isabella dam. The water is running very high, however, so fishing is not very good.

Younger Scorpions split weekend games

Results were mixed in the two games played by the Scorpions Under-14 and Under-16 soccer teams last weekend. The Under-14 team was beaten 4-0 by the Rialto Blast, despite a valiant effort; the Under-16 team enjoyed a solid 3-1 victory over the East Foothill Rowdies in San Bernadino.

The Under-14 team was physically dominated by the Rialto Blast, although they were able to hold the stronger team to a scoreless tie until midway through the second half, when three goals were scored

by middle attacker Peter Mari and one by Chris Wessman. Strong Scorpion performances were turned in by Nathan Nickell, Jeff Jones and Matt Verbeck.

The Under-16 team scored its first goal in its win Saturday following a series of precise passes down left wing, ending with a crossing pass from Matt Ziegler to Chris Johnson for the goal. The second goal came when Ted Armstrong hustled after a free ball and was able to collect the goal. The third goal, which put the game out of reach

for the Rowdies, was made by Matt Ziegler.

Good ball control and defense by John Dykema, Matt Mechtenberg and Jim Caves kept the ball with the Scorpions, and Jason Okamoto blocked a dangerous free kick.

The Under-14 team will play the Cosmos "71" team in San Bernadino this weekend, while the Under-16 team will play a home game against the Barstow Condors at Davidove Field tomorrow at 1:30 p.m.

Fish and Game stocks water

Barring adverse weather, water or road conditions, California Department of Fish and Game will plant catchable-size rainbow trout in many streams and lakes this week.

The trout, taken from DFG hatcheries, will be planted in Cottonwood, Georges, Independence, Lone Pine, Tuttle and Symmes Creeks in Inyo County along with Lake Diaz.

The creeks being planted are in the early season area of Inyo county.

OTHTC has race deadline

Runners who plan to run in the 10th annual Over-The-Hill Track Club Inyokern Road Race on May 4 have until April 15 to take advantage of a reduced entry fee. Pre-registration for OTHTC members is \$8; for others, it is \$10. Anyone who registers after the deadline will pay an additional \$2 per entry.

Check-in and late registration for the race will take place from 6:50 until 7:50

a.m., with the starting gun sounding at 8:10 for the 10-mile run. There will be two water stops, with times given at 1 and 5 miles.

All those who pre-register will receive a designer T-shirt made by Maria McBride when they finish the run down Hwy 395 and Old Hwy 395.

Checks should be made out to "Over-the-Hill-Track Club" and mailed to OTHTC, 1243 Wayne Street, Ridgecrest, CA 93555.



The Skipper Sez...

QUESTION

Civilian employee — I have found it very difficult to arrange conferences, meetings, and demonstrations because it is difficult to find a room and arrange for audio-visual equipment, telephone lines for computer hookups and large screen projection capabilities for computing demonstrations.

The major difficulty is there is no single point of contact for these services. You must know whom to call. Making arrangements often requires an excessive number of calls, and orchestrating the arrivals and departures of technicians from several offices can consume an inordinate amount of time. The needs of the NWC Community would be much better served if a single office handled room reservations and coordinated audio-visual and communications equipment for the entire center. Is there any plans for such a service?

ANSWER

You are right, meeting the needs for conference room space is a real problem, particularly since those needs have almost doubled in the past two years.

Conference Rooms B/C, D, the Management Center, and the auditorium in Michelson Laboratory are booked at a central location — the Program Coordinators Office, Code 0031, NWC ext. 2634. The receptionist in the lobby normally handles such bookings. The same office is responsible for audio-visual equipment in those rooms, and also services Conference Room 20108 in Michelson Laboratory which is booked by Code 03 staff. Two rooms are available in Lauritsen Laboratory and are booked by contacting Code 315, NWC ext. 3016.

Most departments also have available conference room space for limited numbers, and would be an excellent starting point for inquiry. Secretaries to Department Heads can provide assistance, and are also thoroughly knowledgeable with conference room arrangements through Code 0031.

Vendors who need computer, or electrical outlets, are normally required to rent space in one of the clubs, or obtain a location in town, to meet their needs. Because of the volume of normal business, official conference room space is not open to them.

The Center does have need for additional conference room space and consideration is being given to the proper way to meet this need. But, with budget limitations and other considerations, it will be some time before we will be able to address that need.

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

VX-5 joins air show Ap. 27

Preparations are now in high gear for the aviation highlight of the year aboard the Naval Weapons Center — the visit of the Navy's famed precision flight team, the Blue Angels.

All area residents are invited to join with the Center's personnel in attending the celebration at NWC of 75 years of Naval aviation history with exhibits, static displays, and flight demonstrations by Northrop's F-20 Tigershark, as well as aerobatic demonstrations by privately owned craft. Climaxing the day will be the spectacular flying of the Blue Angels.

Air Test and Evaluation Squadron Five (VX-5) will present flight demonstrations with several aircraft in their inventory that continue to play a major role in Naval Aviation.

A high performance climb by the F/A-18 Hornet and simulated attack runs from the A-7E Corsair II and A-6E Intruder are among the events planned by VX-5 pilots. Also taking part will be the A-4 Skyhawk, OV-10 Bronco and AH-1 Cobra helicopter.

Gates to Armitage Airfield will swing open at 10 a.m. on Sunday, April 27. Air show activity begins at 1 p.m., with the Blues scheduled to fly at 2 p.m.

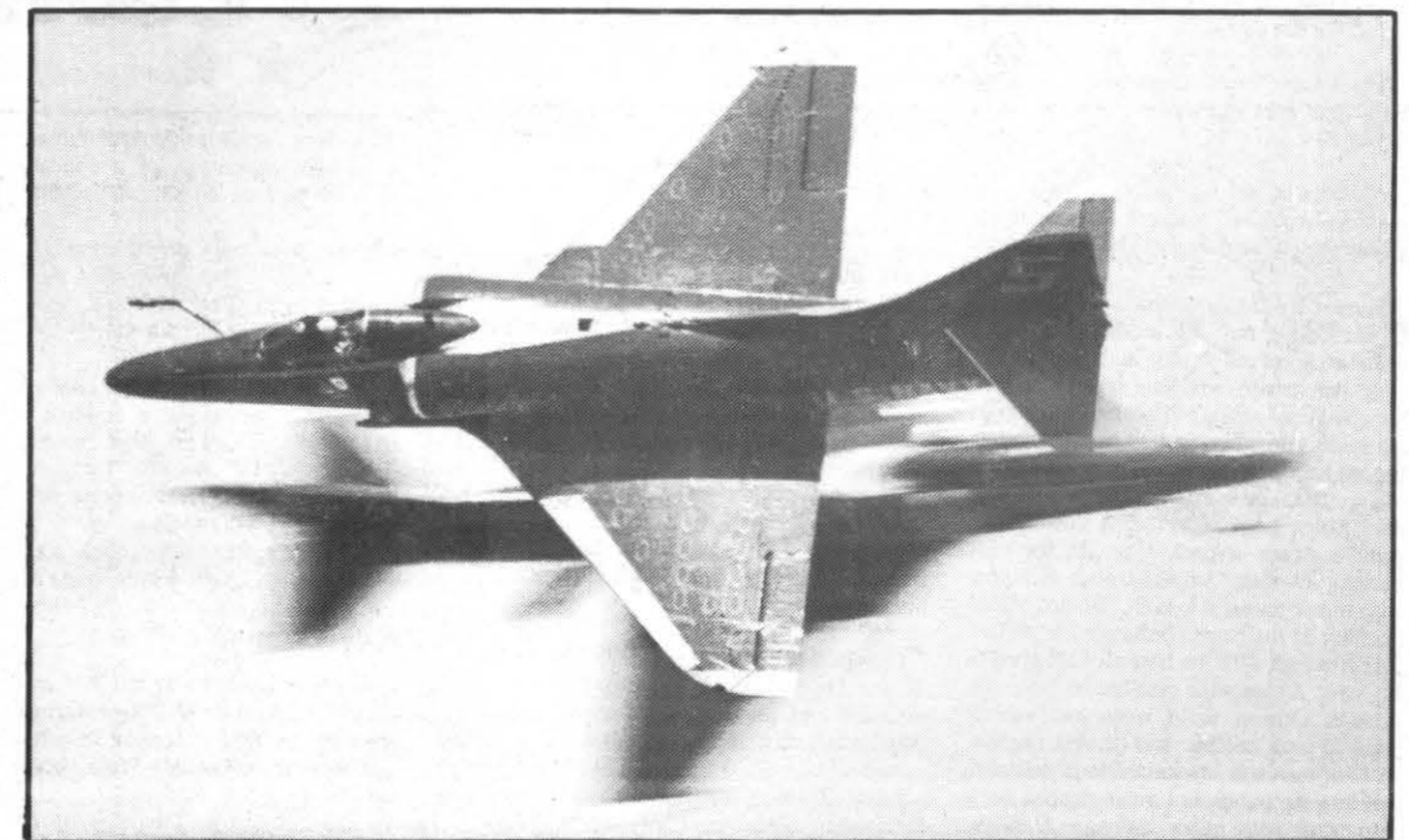
Cameras, lots of film, sunglasses and comfortable clothes are in order for the outdoor events. Lots of food will be on sale at food and drink booths set up by 13 community organizations at the airfield. Lots of free parking is available.

Visitors can spend their time prior to the air show looking at the industrial and other exhibits in Hangar 3, static aircraft displays at the airfield, a military vehicle display, and demonstrations by the Valley Vultures radio-controlled model aircraft club.

All local residents are also invited to attend a reception for the Blue Angel team

members on the lanai of the Commissioned Officers' Mess on Saturday, April 26, starting at 6:30 p.m.

Reservations are requested for the informal event, and can be made by telephoning the Program Coordinator's office at NWC ext. 3379. The charge of \$6 per person will cover costs of the hors d'oeuvres and other expenditures. Dress is informal, and there will be a no-host bar.



Blue Angels Precision Flight Demonstration Team

Safety, Security Department automates 150 operations

When a project originally expected to cost \$8.8 million is rebudgeted for \$1.5 million and is still brought in, not only on time but within the budget, that's news. Yet, that's exactly what has happened with automating more than 150 of the 220 functions of the Safety and Security Department.

Appropriately named SMART (Safety and Security Microcomputer Advanced Resource Technology), the project is the brainchild of Dr. Bob McWilliams and his staff. He has served as project manager for SMART as well as Systems Officer for the department and head of the Planning Office.

When Code 24 originally decided that it would enhance the department's multitude of operations to establish a series of databases for everything from issue of safety equipment to police records to fire dispatch to issue of visitor badges, the first plan involved use of a main frame computer. Establishing the needed programs plus purchase of equipment had been expected to cost about \$8.8 million.

With tight budgets on Center, such an expenditure was deemed unfeasible.

Dr. McWilliams, who had been a professor at Indiana University before being hired to automate Code 24, decided that it would be possible to achieve the same results by using microcomputers plus shared mass storage devices and networking of the computers to provide adequate redundancy.

The project was approved in December 1984, and was completed one year later.

SMART uses a fourth generation relational database, Revelation, on the 30 IBM ATs now owned by the department. Backing these up are two Banyan network file servers to store data, and other peripheral equipment such as printers, plotters, digitizers, and several other microcomputers.

Indicating how much time and effort that the new system will save, he notes that re-

quiring the visitor badge database will take four man-weeks instead of four man-years required for the original system.

What else has been helpful, Dr. McWilliams says, is that many of the personnel within the department have their own home computers and were used to using a microcomputer. All personnel in the department also received extensive training in the use of the computers and software for their operation.

The biggest factor in the success of SMART, however, he says, is user involvement. "They had an investment because they were the ones who had defined how the program works," Dr. McWilliams adds.

"SMART will have a tremendous effect on the way that the department does business," he notes. "For instance, by using the computer for filling out forms and writing routine letters, much of the tedious typing has been eliminated. And, often, when some data is needed, we can just turn the computer on, input what we need, and do other things while the equipment produces the information in the format that we require."

Future plans include acquisition of new packages as needed, enhancements to existing applications, and in-house development of such applications as may be needed.

Service increased

The Employee Services Board barber-shop located in Bennington Plaza now will be open on Sundays from 8:30 a.m. until 5 p.m., with one barber on duty each Sunday.

Regular hours of the barber/beauty shop with a full staff of three barbers and one beautician on duty are from 7:30 a.m. to 5 p.m. Mondays through Fridays and on Saturdays from 8 a.m. until 2 p.m. All Center personnel and their dependents can use this service.

Appointments can be made by telephoning 446-6429.

Site of Hays' party moved

With more than 500 persons already having signed up to attend the retirement party being held for Burrell Hays, NWC's Technical Director, on the evening of Thursday, May 2, it has been necessary to move the party to Joshua Hall in Ridgecrest to accommodate these and the others who are expected to want to attend.

Those who would like to attend are asked

to get in touch with the Program Coordinator's Office, Code 0031, in the lobby of Michelson Laboratory so that name tags can be made.

The evening's activities will begin with a social hour at 6 o'clock, to be followed by presentations at 7 p.m.

Each person attending is being asked to contribute \$5 to help defray party expenses.

Helium balloons used to meet Center mission

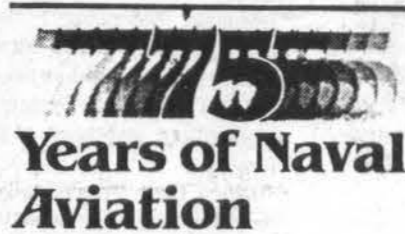
Since the hot air balloons that had been in use at China Lake for more than a decade had proven so useful for a variety of tests, a helium kite balloon was added to the Center's aerial components in the mid 1970s.

The fat, sausage-shaped yellow and white kite balloon bears a strong family resemblance to the tethered barrage balloons used over England during World War II. Although it is designed primarily for tethered flight, it can be flown as a free balloon if it breaks loose from its tether; the balloonists who fly it must have commercial balloon licenses.

The helium kite balloon provides a stable platform for airborne instrumentation tests since it remains within 20 to 40 feet of the desired location because of the control of the light tether line. It can lift more than a ton (without its gondola), can be used for longer hours than hot air balloons, and can fly and work in winds up to 40 knots. (A helium kite balloon tethered at its "home" on Charley Range has withstood winds of up to 90 knots without sustaining major damage.)

The helium balloon has been heavily used for a wide range of tests performed not only for NWC projects, but also tests performed by the Navy for Army and Air Force projects.

Ordinarily the balloon is inflated before any major test series rather than being left continuously inflated. NWC, already a user of industrial helium, is able to get the approximately 70,000 cubic feet required at a reduced rate when the balloon needs refilling. Unrolling the envelope before refilling takes about an hour, and another two hours are needed to install hardware such as the nose and valves before refilling can begin.



China Lake Police Reports

When a truck with an oversized load hit a signal on the east edge of the road at SNORT road, an unknown amount of damage occurred.

An electric air compressor was taken from Michelson Laboratory. Since its value was more than \$500, NSIC is assuming the investigation.

At 10:30 a.m. Tuesday, Sheriff's deputies brought a subject to the China Lake Police Station for a breath test. The individual was appearing in East Kern municipal court on a DUI citation and the judge believed the subject might have imbibed before going to court for the hearing.

After a dog bit a young girl, the dog's owner was issued a quarantine notice and was warned and advised about the NWC instruction on control of animals.

When a man living on the Center came home unexpectedly, he found his teenaged daughters smoking marijuana. He brought the contraband to the police station to be destroyed, and the case will be referred to the probation department.

When officers found a one-year-old child wandering in the street on Ticonderoga at 3 p.m. one day, they located the child's mother and advised her to keep a closer check on the child.

Personnel smoking too close to the smoke detector in the Solid State Building set off the fire alarm.

The Public Works Department tire shop reported theft of an impact wrench and accessories while personnel were working in the area.

The Public Works Department reported bird traps were stolen from the north range area.

At 2 a.m. on the weekend police picked up a driver at Lauritsen and King Street for driving while under the influence, and held him for 5 hours before citing him into court. Another driver was picked up at Hussey and King Street the next morning, equally early, and was also found to be driving under the influence, held and cited before release.

A man who left his car parked overnight on Mitscher reported his windshield was broken by an unknown subject.

On Saturday a police officer on patrol on Inyokern Road saw a book lying in the road, picked up the book and discovered it contained a government payroll check. So far police have not been able to contact the person to whom the check was made out.

Several traffic collisions occurred on the Center during the past week. A three-car collision occurred at 4th and C at CLPP when one driver (who was driving too fast for conditions, meaning he had the sun in his eyes), ran into a parked car; the driver behind him was too close, and added to the pileup. Damage to vehicles was minor and no injuries were reported. A government vehicle struck a parked car in the east parking lot of the Administration Building, with minor damage to both. Someone filled his tank at the Navy Exchange gas station and drove off with the hose still attached to his tank. A sideswipe resulted on Mountain Springs Canyon Road when one vehicle tried to pass another and missed slightly. At Lauritsen and Inyokern Roads, someone ran into the bumper of a car stopped for a stop sign, with minor damage. Someone also drove through the closed gate at the Burroughs High School access area, resulting in major damage to the gate.

On Saturday afternoon the NEX reported theft of an AM/FM stereo cassette player.

Since the suspect in a child molestation report is military, NSIC is conducting the investigation.

Chaplain Knox's office was broken into at the chapel annex on Mitscher. Government and personal items were taken. NSIC is assuming the investigation.

Early Tuesday morning Air Test and Evaluation Squadron Five reported that their mess had been broken into at the airfield. So far they had not been able to determine what was missing, if anything.

Nominations sought for Technical Mgrs. Program

Nominations are again being sought for the Center's Technical Management Certificate Program.

The program, which ordinarily takes about two years to complete and encompasses about 330 hours of classroom instruction, is designed to train managers and other participants in systems acquisition programs and program management.

The courses are designed not only to help train potential program managers but also to provide other program personnel with an understanding of management tools and problems and an appreciation of procedures and practices that the program manager or other authority may impose.

The program is designed for applicants in the level II category under the Demonstration Program. Interested employees should talk with the head of staff of their department about applying.

Departments will review the applications and then submit these to the Systems Acquisition Office, Code 01A5, no later than June 2. That office will then present the nominations to the Corporate Planning Board for selection.

Selection factors include the department recommendation, assessment of potential for successful completion of the program, and assessment of the need for program management training. Selections will be limited to 20 new candidates for fall 1986.

Employees who are not selected as formal candidates at this time but who are still interested in the program will be able to participate in the program on a space available basis. They are encouraged to request specific courses in their input to the Annual Training Plan. If they desire, these employees can reapply for admission to the program next year.



Now is the time for all residents of Center housing to take advantage of a special one-time trash pick up on Saturday, April 12.

Trash includes not only yard trimmings, but all the miscellaneous materials that seem to gather in garages and closets, such as broken toys, damaged furniture, and even car parts.

Trash should be set out on the sidewalk or by the dumpster, wherever a resident's trash is normally picked up, says Dwight Holford, head of the Housing Division. Everything in place tomorrow morning will be removed by the trash collector.

Residents of Center housing are also reminded that they can get a wide range of yard and garden supplies at the Self-Help Store located by the housing office.

All artists and would-be artists are encouraged to show off their skills by entering the poster contest now underway in celebration of American Heritage Week, May 19 through 23.

Posters should be on the theme of American heritage, and can deal with the subject seriously or humorously. They must be no larger than 16 by 20 inches, and can be in

any medium. They must be submitted to the EEO office in the Personnel Department building, 505 Blandly Avenue, no later than the close of business on Friday, May 2. All China Lake personnel and their dependents are eligible to enter.

The Protestant Choir of the All Faith Chapel will be presenting the Easter Cantata "The Resurrection" by Charles Fonteyn Manny this Sunday during the morning worship service beginning at 10 a.m. Soloists will be Rita Doure, Carol Garrison, Sam Haun, Bob Huey and John Strommen.

Shirley Helmick will play the organ and Dovie Leonard will be directing the choir. The public is most cordially welcomed to attend this unique event.

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)

Support Equipment Section now in new quarters

Ribbon cutting ceremonies recently marked the formal dedication of the new Support Equipment (SE) Maintenance Building at Armitage Airfield.

Capt. J.W. Patterson, Aircraft Department head; LCDr. Jim Bullock, Resident Officer in Charge of Construction; Ltjg Steven Wirsching; David Orland, head of the Architectural Branch; Dick Malone, Engineering Division head; Rudy Nicolas, architect on the project; and Chief Panek, Support Equipment Section head, took part in ceremonies to formally open the new facility.

The 6,000-square-foot building and new paving for outside storage areas, have combined to give the DE compound a new look this year.

This new facility includes general maintenance space, a battery shop, engine shop and an electrical shop. It also features cement ramps to each roll-up door for easy

access for equipment. Construction began in October of last year and SE equipment has been stored in the new building since early this year.

The new facility is a steel, single slope building constructed on a concrete slab. Special features include an exhaust evacuation system with drops at each work station for safety reasons. It also includes overhead heating and evaporative cooling systems.

SE personnel are part of the Aircraft Department's Intermediate Maintenance Branch.



Military News



NEW FACILITY — Support Equipment personnel now have new quarters.

C/MAC deadline near for seat reservations

Center military and civilian personnel who'd like to provide support to China Lake's nominee for the High Desert Military Person of the Year Award (presented by the Civilian/Military Affairs Council) have only a short time left to make their reservations for the banquet at which the presentation will be made.

China Lake's representative is AE3 John Linford of Air Test and Evaluation Squadron Five. He will be competing with junior enlisted personnel from Edwards and George Air Force Bases, Fort Irwin, and the Marine Corps Logistics Depot in Barstow.

Honored guest speaker at the dinner will be Karen Keesling, Principal Deputy

Assistant Secretary of the Air Force (Manpower, Reserve Affairs and Installations). The dynamic Ms. Keesling is expected to have a great deal of interest to say in her talk at the banquet.

This year's banquet will be held at Joshua Hall in Ridgecrest. Cost of the dinner is \$25 per person for civilians and officers, and \$12.50 per person for enlisted personnel and their spouses or guests.

Reservations can be obtained from Anna Marie Bergens, Mayor of the City of Ridgecrest, by telephoning her at City Hall, 375-1321. Reservations can also be made by telephoning the Center's Public Affairs Office, NWC ext. 3511.

Fitness program shaping up enlisted members

More than 50 of NWC's military personnel are currently taking part in an early morning exercise program to maintain or regain their physical fitness, says Ltjg. Marty VanDerKamp, whose collateral duty is Physical Fitness Training Officer. Ltjg. VanDerKamp is one of a group of officers and chiefs who are actively involved with monitoring and proctoring the group.

Although any Navy personnel who wish to join the group's organized activities are encouraged to do so, it is mandatory for

personnel who are overweight, have too high a percent of body fat, or who cannot pass the minimum fitness standards.

Navy-wide, all personnel are tested for fitness twice a year. To enhance NWC's fitness, says Ltjg. VanDerKamp, the testing will be performed here quarterly.

Exercise is only one way in which the problem of overweight is being approached, she says. LCdr. D. A. Michael, Senior Nurse at the Branch Medical Clinic, is providing diet counseling as well, and the

galley is listing caloric content of foods and is cutting down on the amount of fried foods. With individualized pricing of items, it is also easier now for personnel eating in the galley to choose those foods that are low in calories, says Ltjg. VanDerKamp.

Activities vary from aerobics (lead by a volunteer, Linda Tye, wife of ADC Randy Tye), to exercises, running, and swimming.

Anyone over the age of 40 or anyone with a noticeable medical problem is given a physical examination before entering the

program.

With fitness testing being carried out through the month of April, Ltjg. VanDerKamp says she believes that there'll be a lot more people who will find themselves in the program. Since the morning group is nearly at its maximum feasible size now, an afternoon group may also be started to work out for an hour a day five days a week.

All military personnel, regardless of rank or age, must take part in fitness testing.

Congress considers special absentee ballots

Military families stationed overseas could get a better shot at making their voices count in presidential and U.S. congressional elections soon. Legislation making its way through Congress, which would affect some 400,000 citizens (including some 176,000 service members), would provide for a special blank absentee ballot to be used as an alternative to state absentee ballots.

The ballot would be used by those who do not receive their regular ballot in time to return it. Voters could write in the name of a candidate or designate a particular party

nominee. Henry Valentino, director of the Federal Voting Assistance Program, said that while voting participation by military personnel increased significantly in 1984, many were unable to vote. This was because they either didn't receive an absentee ballot or received it so late that they couldn't meet their state's deadline for returns.

A 1984 Federal Voting Assistance Program survey of military, federally employed civilians overseas, their dependents and other U.S. citizens overseas not affiliated with the federal government

showed that 8.4 percent of the military, 7.8 percent of federal civilian employees overseas and 5 percent of other U.S. citizens overseas fell into this category.

Valentino said the proposed legislation addresses the major problem affecting absentee voting.

The proposed bill states that voters must be registered and eligible to vote and the local election official must have received the regular absentee ballot request no later than 30 days before an election to be eligible to use the special federal absentee ballot.

If the voter receives the regular absentee

ballot for which he or she has applied too late to return it to the local election officials by the state's deadline, he would use the special ballot.

The deadline for receipt of the special ballots by local election officials would be the same as for returning regular absentee ballots.

Voters who mail the special federal absentee ballot, then receive the regular absentee ballot, would return that ballot as well. In these cases, the regular absentee ballot, rather than the special federal absentee ballot, would be counted by election officials.

VX-5 Wives Club joins in offering new class

In honor of the Month of the Military Child, the VX-5 Wives Club and the NWC Children's Centers are jointly sponsoring a parenting class entitled "Authentic Infant/Competent Child."

The class will be held from 8:30 a.m. until 4 p.m. on Saturday, April 26, at the Training Center, and will be taught by Magda Gerber.

The class will focus on infant and toddler development and what parents can real-

istically expect from their babies at any given stage of their development. It will also give guidelines for responding to difficult behavior.

Cost of the class is \$10 per person and \$15 per couple for military personnel and \$12 per person and \$20 per couple for civilians.

Registration forms are available through the VX-5 Wives Club, 446-3252, or the NWC Children's Centers, NWC ext. 2735. Deadline for registration is Thursday, April 24. Class size is limited to 50 people.

Photo group welcomes all

Military personnel and their dependents are invited to join the China Lake Photographic Society, which meets Thursdays at the Community Activity Center, located at the intersection of Blandly Avenue and Lauritsen Road. All meetings begin at 7:30 p.m.

At the regular meetings, held on the first Thursday of the month, programs vary but are generally photographically educational. The best slides from the previous month's slide meeting are also shown.

Slides highlight the program for the second Thursday of every month. Members and visitors bring four slides each to show.

These slides can be of any type of subject. The best four are then selected by vote to be shown at the following month's regular meeting.

The third Thursday of the month is spent with prints. Members and visitors bring several prints each.

Anyone who wishes additional information about the club or how to join can obtain this by telephoning CLPS president Carl Morley at 375-4273 after 7 p.m. or can write to China Lake Photographic Society, P.O. Box 1822, Ridgecrest, CA 93555 for a copy of "Resume of the China Lake Photographic Society."

ROLE OF SUPERVISOR IN HANDLING DRUG & ALCOHOL PROBLEMS

21 May, Wednesday, 0800-1600, Training Center.
By: Don Casey, Office of Personnel Management.

Scope: One of the most difficult yet common problems that confronts supervisors and managers is that of employee alcohol and drug abuse. The variety of alternatives for handling each individual situation ranges from immediate removal to rehabilitative efforts by the agency, with a myriad of regulations and laws dictating the response depending upon the factual situation involved. This workshop will enable the supervisor to identify the problems, determine the alternatives, and correctly follow the required course of action. In this class you should learn to identify drug and alcohol abusers and users, determine when disciplinary action may be initiated without rehabilitation offers, decide when rehabilitation assistance must or may be offered to the employee, determine when rehabilitation efforts have failed, and list the components of agency employee counseling services programs.

Deadline: 7 May.

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

Cerro Coso sets early reigstration period

Cerro Coso Community College has established early registration for Fall courses on May 5 through 7 for continuing students only. A continuing student is defined as anyone who was enrolled in any Cerro Coso course during the period commencing Fall 1983 through the current semester. Fall schedules, which should be released by Cerro Coso approximately April 14, will be available in the Training Center lobby.

The Center will pay for full tuition for any courses provided under the NWC/Cerro Coso Contract. If courses are job-related or will strengthen an individual's contributions to the Center's mission, tuition will be paid directly to the college by Code 094, provided a DD Form 1556 (Request, Authorization, Agreement, and Certification of Training and Reimbursement) is submitted through department channels to Code 094.

If a course is not directly job-related, along with the DD Form 1556, a NAVWPNCEN 12410/66 (Academic Enrollment Justification) and NAVWPNCEN 12410/68 (Individual Development Plan) which describes how the course will strengthen contributions to the Center's mission, must be submitted.

Individuals who are not California residents must have a statement by their supervisor indicating the negative impact to NWC of postponing the training until residency is established.

Code 094 will return the approved DD Form 1556 to the submitter. This approved form will be required during registration in order for NWC to pay tuition.

A DD Form 1556 is not required for co-op students. Co-op students simply need to tell the registrar that they are an NWC co-op student while registering.

Requests for tuition support (DD 1556) must be received by close of business April 25 so that they may be processed and returned in time for registration. Those received after that date will be returned and employees will either have to pay the tuition themselves or wait until Fall semester 1986 to register and resubmit the request for tuition support. **EMPLOYEES WHO PAY TUITION WILL NOT BE REIMBURSED.**

For more information contact Cecil Webb, NWC ext. 2648.

Cal State Chico requires writing competency exam

There is a graduate literacy requirement at California State University Chico for the master's degree. Computer Science students must demonstrate their writing competence.

For those graduate students participating in the external degree program at NWC, this may be accomplished by taking a course in technical and report writing which is offered once a year or by suc-

cessfully completing an examination administered by department.

The Computer Science Department of Cal-State Chico will administer such an examination on May 5, 1986 at the Training Center. To sign up for the examination call Kit Driscoll, NWC ext. 2648. Those taking the examination will need to bring a check made payable to CSUC in the amount of \$15.

Northridge advisor here

Cal-State Northridge students completing 24 units of acceptable work towards a master's degree by the end of Spring semester 1986 should see Dr. Jagdish Prabhakar during his visit to NWC on April 24. Please call Kit Driscoll, NWC ext. 2648, to make an appointment.

Training survey error

Murphy struck again — enclosure (1) of the All Hands Annual Survey of NAVWPNCEN Training Needs, 12410 094/377 of 12 Mar 86, was printed back to back. The enclosure should be on two separate

sheets.

In order to make collecting the data on the form easier, all personnel are asked to photocopy page 2 before sending the form to their department staff offices.

Dr. Madrigal visits NWC

Dr. Orlando Madrigal of Cal-State University Chico will be on-Center May 5 to advise current and prospective students in the external degree programs offered by the school.

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

Deadline for employees after training approval

All off-Center training requests (DD Form 1556) must be received by the Human Resource Development Division (Code 094) at least 30 days prior to the beginning of the off-Center course. Please allow for several additional days to obtain approvals required internal to the initiating department and to allow for delivery to Code 094. Allowing sufficient time will increase the likelihood of obtaining space in the course

and will minimize need to spend unnecessary time "walking through" the paperwork, making phone calls, handcarrying checks, etc.

Also, never register yourself in a class. This will be done for you by Code 094 after all required approvals have been received. Students registering themselves in classes may be liable for the tuition charge if the training is not approved.

Survey distribution begins soon

Distribution of the 1986 Civilian not completing the entire demographic Employee Attitude Survey is scheduled to begin in a few days. Employees will notice that the answer sheet has been redesigned, making it easier to complete the demographic section. Some of the answers have been grouped together, increasing confidentiality.

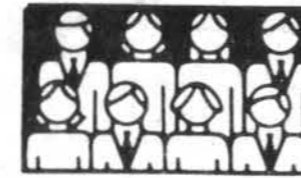
We will not provide survey data to management for any division with less than ten responses.

Completed surveys should be returned to Code 0824 by May 9. If you have any questions, please contact Lucinda Bourne, Code 0824, NWC ext. 3521.



AMERICAN HERITAGE WEEK

MAY 19-23



Personnel News & Notes

No. 57 / April 11, 1986

Naval Weapons Center, China Lake, California 93555-6001

Promotional Opportunities

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

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

No. 08-027, Multidisciplinary (Program Analyst), DA-345-1/2/3, (ADP Resources Manager/Digital Computer Systems Administrator/Computer Specialist/Computer Systems Analyst), DS-0301/0334, Code 08C1 — This position is assistant system manager of the dual VAX 8600 mini-computer system supporting the Standard Automated Financial System (STAFS). The incumbent assists the system manager to provide continuing availability and proper operation of the STAFS computer system, its Milcom port selector based communications system, its local workstations and peripherals, and its facility. He/she performs the daily operations tasks of the STAFS system. **Knowledge:** of ADP systems, including VAX, VMS and the use and operation of VAX mini-computers. **Ability:** to interface with people. **Skill:** in verbal and written communication. **Note:** Willingness to work after hours with little notice is required. Promotion potential to DP-3.

No. 08-028, Budget Clerk/Assistant, GS-561-3/4/5, Code 0833 — Incumbent will provide assistance and backup to a budget analyst and assigned FMA. Maintains department fiscal files, changes status of job orders, reviews and corrects erroneous labor and material charges, prepares journal entries, process corrections of accounting data, and answers numerous queries for fiscal information and other budgetary duties. **Skill:** in working with figures. **Knowledge:** of prescribed procedures; of Navy or NWC accounting and/or budgetary process. Promotion potential to GS-6.

No. 22-8614, Child Development Assistant Leader, PS-1702-6, \$5.49 per hour, Regular Full-Time, Code 2222 — Incumbent plans and implements a developmental program

for children ages 4 years to 7 years of age. Program will include language skills, premath skills, music, movement activities, and activities to promote social development. Provides guidance or assistance to PS 4/5 level staff in solving minor problems, collects fees, writes receipts and prepares Daily Activity Reports. Acts as supervisor in the absence of the Child Development Program Supervisor. **Qualification Requirements:** **Knowledge:** of basic child development theories and methods for promoting learning in young children; about cash handling procedures. **Ability:** to communicate in a positive manner with children, parents, and coworkers; to communicate orally and in writing. Must have a nationally recognized child development credential or regularly participate in specialized training related to children. Must have CPR and first aid training. This is not a civil service position.

No. 24-010, Clerk-Typist, GS-322-4, Security Clerk, GS-303-5, Code 2432 — This position is located in the Personnel Security Section of the Information Security Branch. Incumbent performs clerical/security clerk duties which include processing employee security clearances, fingerprinting, typing clearance letters and messages, originating foreign travel messages, maintaining logs, filing and mailing. Position provides support in personnel security actions. **Elements:** knowledge of regulations and directives relating to personnel clearances, message processing; knowledge of regulations and directives relative to foreign travel requirements; ability to effectively interface and communicate orally and in writing. Promotion potential to the GS-5 level.

No. 25-011, Procurement Clerk, GS-1106-4/5, Code 252 — Multiple Vacancies. In-

cumbent is responsible for providing clerical support in the form of typing (utilizing Xerox 860 word processors), filing, compiling data, maintaining logs, and performing follow-up on action item suspense dates for a wide variety of contractual actions. Incumbent maintains instructions and DAR Clause Books, reviews correspondence and suspense action items, and receives visitors and telephone calls. Uses a wide variety of guidelines including DOD and Navy instructions, Contract Division Operating Procedures on Defense Acquisitions Regulations and Clause Books. **Elements:** knowledge of correspondence regulations, and contractual terminology; ability to meet with people effectively and prioritize work under heavy workload conditions. Promotion potential to GS-7, however, not guaranteed.

No. 25-013, Supervisory Purchasing Agent, GS-1105-7/8, Code 2522 — Incumbent acts as a contracting officer and ordering officer with a warrant of \$10,000 and supervises a work force of approximately 12 purchasing agents. Responsible for assigning work for each team leader, providing guidance for distribution of work, managing work flow of the section, and dusting work assignments to handle changing priorities. Performs full range of supervisory duties including leave authorization and management, planning and authorizing training, disciplinary actions, promotions, and reassignments. **Elements:** knowledge of small purchase procedures; of NWC and Federal EEO program. Ability to deal effectively with others; to supervise an organization; to work under pressure. Promotion potential to GS-8.

No. 25-012, Clerk Typist, GS-322-3/4, Code 252 — Multiple vacancies. Incumbent is responsible for providing clerical support in the form of typing (utilizing a word processor), filing, compiling data, maintaining logs and performing follow-up on action items of wide variety. Position requires frequent personal and telephone contacts with individuals at all levels of Navy and DOD contractors; receiving and directing visitors and phone calls, and answering routine questions. Incumbent works with a wide variety of guidelines including DOD, Navy and NAVWPNCEN instruction, and Contract Division Operating Procedures, screening all incoming correspondence and often drafting routine responses, and maintaining the calendar of the division head and staff. **Elements:** knowledge of Navy correspondence procedures; ability to operate word processing equipment. Promotion potential to GS-4.

No. 26-021, Procurement Clerk (Typing), GS-1106-4/5, Code 2682 — Assists in the administration of contracts under the Contract Administration Branch. The function of this position is to assure the prompt processing of work orders, invoice processing, Data Base Management of Contractual data, contract files, change order processing, and other related contract functions. **KSAs:** knowledge of procurement procedures and of office administration procedures. Ability to work with others and to communicate orally and in writing; to plan work and adapt to shifting of priority work. Promotion potential to GS-5.

No. 26-022, Computer Specialist, DS-334-1, Code 26022 — Incumbent will be responsible for the development and maintenance of the Management Information Center; maintenance of the graphic output equipment; assist customers of the Computer Information Support Facility with graphic output; assist the NAX system manager with system back-ups; assist the staff with maintenance of UNIVAC based data bases. The incumbent will also train to use the data base software, SMARTSTAR. **Job Relevant Criteria:** **Knowledge:** S2K query language; VAX/VMS editor. **Abilities:** to use S2K query language; to use Lotus 1-2-3 to produce graphics; to communicate ef-

fectively with individuals at all organizational level, both orally and in writing; to plan, organize, coordinate and maintain a Management Information Center; to work effectively in a team environment; to work under pressure in a support facility. Promotion potential to DS-3.

No. 31-115, Program Analyst, DA-345-2/3, Code 3106 — Position is that of program analyst for the Field Station Program Coordination (FSPC) Office. The specialty area of this position is the A-6 Aircraft Program. The incumbent acts as central coordinator for A-6 task assignments, acts as the principal agent for the A-6 Class task for cost, schedule and task analysis of all participating field activities supporting A-6, and prepares recommendations and status summaries. **Elements:** Knowledge of NAVAIR funding procedures and interface requirements between NAVAIR and Navy Field Laboratories; ability to deal effectively with field laboratory and NAVAIR personnel; knowledge of management techniques and tools in order to effectively direct and administer the A-6 effort of the FSPC Office; ability to communicate and report budgetary and technical data accurately and effectively. Promotion potential to DA-3.

No. 31-131, Clerk Typist, GS-322-3/4, Code 3109 — This position provides clerical support to the Mission Support Systems Program Office. Duties include typing letters, memoranda, reports, and forms from rough drafts, notes or oral instructions; reviewing correspondence for correct grammar, punctuation, spelling, and proper format; receiving and directing customers/visitors and phone calls; receiving and distributing incoming mail; maintaining files, preparing and handling timecards, travel orders, and itineraries; and requisitioning supplies. **Skill:** of qualified typist. **Knowledge:** of grammar, punctuation, spelling, and proper format; filing systems and files management. **Ability:** to receive and refer phone calls and visitors; prepare forms travel orders and itineraries; requisition supplies. If filled at the GS-3 level, promotion potential to GS-4.

No. 32-206, Supervisory Interdisciplinary (Chemical Engineer, Physicist, Chemist), DP-893/1310/1320-3/4, Code 3264 — This position is head, Explosives Formulation Branch. Incumbent is responsible for providing technical and supervisory leadership to a group of chemists and technicians working on the scale-up of chemical synthesis procedures of new energetic materials, and the development of experimental explosive formulations, binders, liner material, and inert simulants. **Elements:** knowledge of chemical synthesis and formulation procedures for energetic materials. Knowledge of and willingness to support the EEO program. Demonstrated scientific accomplishment in area of energetic materials development. Capability to lead and contribute to a scientific organization. If position is filled at the DP-3 level, promotion potential to DP-4, but not guaranteed.

No. 33-015, Supervisory Interdisciplinary (General/Electronics Engineer/Physicist), DP-801/855/1310-3/4, Code 3335 — This position is that of head, Long Range Missile Fuze Branch located in the Fuze Systems Division of the Fuze and Sensors Department. This branch performs advanced development, engineering development, and production support of proximity sensor systems and related test equipment for surface-to-air guided missiles. The incumbent is responsible for providing technical and managerial leadership to a team of scientists, engineers, and technicians and reports directly to the Division Head. In addition, the incumbent will be responsible for interfacing with all levels of NWC management, Program Offices, SYSCOM sponsors, other government agencies and services, and development contractors. Previous experience in full-scale develop-

ment desirable. **Knowledge:** of electronic design principles and radio frequency/microwave sensors systems. **Abilities:** to communicate orally; to communicate in writing. Willingness to support NWC EEO goals and policies. Promotion potential to DP-4, but not guaranteed. DP-4 will be filled by reassignment only.

No. 36-151, Engineering Technician, DT-802-3, Code 3646 — Incumbent works independently and with engineers and scientists in conjunction with or as a consultant on design and fabrication of weapons systems hardware in relation to Computer Aided Manufacturing. Ensures that designs and fabrication processes are properly formatted for tolerancing, configuration control, complex surface generations, costs, production control and quality control, and documentation standards. Incumbent is responsible for the coordination of assigned projects between the weapons system customer and the CAM processes involved including providing quality-assured data packages. Develops new software and hardware to expand the use of Computer Aided Manufacturing process. **Elements:** Knowledge: of the CAM process including APT and graphics programming for multi-axis fabrication functions; of design practices and design documentation standards. **Ability:** to work directly with the design engineers, plan projects, and program automatic tools via the graphic process; to program in APT (multi-axis) and lead others in completing project work. Three years experience in CAM operations is desirable.

No. 36-152, Clerk Typist, GS-322-4, Code 3653 — Incumbent provides clerical support to the Engineering Drawing Branch. **Elements:** Knowledge: of grammar, punctuation, spelling and proper format. **Ability:** to receive and refer phone calls and visitors; prepare timecards; prepare travel orders and itineraries; and requisition supplies. Promotion potential GS-318-5.

No. 64-017, Supervisory Interdisciplinary (General/Mechanical/Aerospace Engineer), DP-801/830/861-3, Code 6431 — This position is head of the Fleet Support Branch located in the Engineering Support Division of the Aerosystems Department. The Branch provides design, logistic management, and production quality/assurance support to the Fleet for both emergency egress aviation life support systems and premediated personnel parachute equipment. The incumbent supervises three section chiefs who in turn are responsible for approximately 20 engineers and engineer technicians. Close coordination is required with NAVAIR and NAVSEA sponsors in regard to funding and workload priorities. Textiles engineering knowledge desired but not required. **Knowledge:** of Fleet support technical support procedures; and affirmative action principles, including a willingness to implement EEO practices. **Abilities:** to supervise a technical organization; to deal with all levels of technical/management personnel including NW, other organization activities, sponsors and higher headquarters; to make clear oral and written presentations.

and/or studies in the above areas as a member of an analysis team or for a task sponsor. Applicants should have an interest in analysis and simulation, a basic engineering knowledge of propulsion and aerodynamics, a knowledge of FORTRAN, and the ability to communicate effectively in writing and orally. The position involves contact with sponsors, contractors, and other government organizations for the purposes of planning, reporting, and the exchange of technical information. Travel to contractor and government facilities will be required. To apply, send an updated SF-171 to Hal Larsen, Code 3241, NWC ext. 7412.

No. 623-123, Mechanical Engineer, DP-830-1/2/3, Code 6232 — Help push back the frontier of instrumentation development by applying your engineering expertise to such exciting programs as OADS and ALRITE. In this position, you will function as a team member or work independently by providing engineering support to test programs conducted on the Range Department's Air, Ground and Track Ranges. You will participate in facilities maintenance and improvement programs and follow a project from conceptual planning stages to final inspection of the finished facility. In

your job, you will interface with personnel at all organizational levels from department heads to PW craftsmen. You will plan, schedule, coordinate and monitor work to ensure the finished product meets design specifications and fulfills customer requirements. To apply for this unique position, send a current SF-171 to Eric Kawajara, Code 6232, NWC ext. 6287.

No. 08-026, Interdisciplinary (Electronics Engineer/Computer Scientist/Operations Research Analyst/Mathematician), DP-855/1550/1515/1520-1/2, Code 08C1 — This position is assistant system manager of the dual VAX 8600 mini-computer system supporting the Standard Automated Financial Systems (STAFS). The incumbent assists the system manager to provide continuing availability and proper operation of the STAFS computer system, its Milcom port selector based communications system, its local workstations and peripherals, and its facility. He/she assists the data base administrator with data base operations and maintenance. He/she performs the daily operations tasks of the STAFS system. Familiarity with the use of ADP systems is required. Promotion potential to DP-3. To apply, send an updated SF-172 to Carole Poppen, Code 08C, NWC ext. 3817.

Reassignment opportunities

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

No. 31-129, Interdisciplinary Electronics/General/Mechanical/Aerospace Engineer/Operations Research Analyst, DP-855/801/830/861/1515-2/3, Code 3193, (2 Vacancies) — These positions are located in the Light Attack Aircraft Branch of the System Engineering Division, Aircraft Weapons Integration Department. The branch provides system and software engineering for the mission computer operational flight programs of the Navy A-7 and the Marine A-4 and AV-8B attack aircraft throughout their life cycles. Incumbent will provide tactical aircraft systems design, functional analysis, tactical software design, system and software testing for A-4/A-7/AV-8B aircraft. To apply for these positions send a current SF-171 to Stephen Foster, Code 3193, NWC ext. 5631.

No. 31-130, Interdisciplinary Physicist/Mathematician/Mechanical/Aerospace/General Engineer, DP-1310/1520/830/861/801-2/3, Code 3196 — This position is located in the Systems Analysis Branch of the System Engineering Division, Aircraft Weapons Integration Department. The incumbent will be responsible for contributing to a wide variety of tactical aircraft weapons systems and mission effectiveness analyses. General tasks involve deriving performance requirements for advanced concepts and implementing proposed changes to current systems. Knowledge of or experience in one or more of the following is required: Mathematical modeling, simulation, weapon ballistics, sensitivity analyses, digital filters, and algorithm development. To apply for this position, send a current SF-171 to R.L. Rockwell, Code 3196, NWC ext. 5431.

No. 32-201, Interdisciplinary (General, Materials, Mechanical, Aerospace, Industrial) Engineer, DP-801/806/830/861/896-3, Code 3261 — Incumbent will be the project engineer for full-scale engineering

development (FSED) of an improved warhead for a major design and explosive selection process. The following types of experience is desired: FSED experience and familiarity with Center acquisition, management review, and documentation policies/instructions are required. To apply, send an updated SF-171 to N. Fasig, Code 3261, NWC ext. 7282. Promotion potential to DP-3. Previous applicants need not reapply.

No. 32-207, Interdisciplinary Mechanical/General Engineer, DP-830/801-3, Code 3268 — Incumbent will perform as a development engineer, responsible for conducting analyses, mechanical design, fabrication and assembly coordination, environmental/safety and performance testing to demonstrate feasibility and/or qualification thereof of new or improved weapon systems. Assigned tasks will be in the area of conventional ordnance covering one or more of the following technologies: Improved MK80 Series Bombs, In-Service Weapon Systems Cookoff Improvement, Advanced Penetrator Warhead and Internally Aided Munitions. Familiarity with DOD and NAVWPNCEN Acquisition/Management Review and documentation policies/instructions desirable. Please forward updated SF-171 to Dick Demarco, Code 3268, NWC ext. 2188. Promotion potential to DP-3. Previous applicants need not reapply.

No. 32-209, Interdisciplinary Aerospace, Mechanical Engineer, DP-861/830-1/2/3, Code 3241 — This position is located in the Propulsion Analysis Branch. The branch carries out analyses of rocket and air-breathing propulsion systems for missiles and drones, generates preliminary designs of aeropropulsion vehicles, and conducts computer simulations to estimate the performance of the vehicles in flight. The incumbent carries out analyses, simulations

No. 00-007, Secretary (Typing), GS-318-5/6, Code 03 — This position is located in the office of the Laboratory Director and provides clerical, typing, and administrative assistance to the Deputy Laboratory Director, the Laboratory Administrator, and staff members. Promotion potential to GS-6, but not guaranteed.

No. 08-025, Secretary (Typing), GS-318-5, Code 08C2 — Provides secretarial support to the Supply Systems Support Office. Promotion potential to GS-5.

No. 25-010, Secretary (Typing), GS-318-4/5/6, Code 252 — Provides secretarial support to Contracts Division. Promotion potential to GS-6.

No. 26-017, Secretary (Typing), GS-318-4/5, Code 263 — Provides secretarial support to the Engineering Division. Promotion potential to GS-5. Previous applicants need not reapply.

No. 26-019, Secretary (Typing), GS-318-3/4, Code 2693 — Provides secretarial support to the Planning Branch. Promotion potential to GS-4.

No. 26-020, Secretary (Typing), GS-318-3/4, Code 2694 — Provides secretarial support to the Support Services Branch. Promotion potential to GS-4.

No. 31-127, Secretary (Typing), GS-318-4/5, Code 3105 — Provides secretarial support to the A-7E/AH-1 WSSA. Promotion potential to GS-5.

No. 31-132, Secretary (Typing), GS-318-5/6, Code 3109 — Provides secretarial support to the head, Mission Support Systems Program Office, the Enhanced Comprehensive Asset Management System (ECAMS), Aviation Training Support System (ATSS), Reserves Training Support System (RTSS), and the Memory Loader

Verifier (MLV) Projects. Promotion potential is to GS-6.

No. 32-200, Secretary (Typing), GS-318-4/5, Code 3263 — Provides secretarial support to Weapons Systems Branch "A". Knowledge and working skill on a Xerox 640 desirable. Promotion potential to GS-5.

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

No. 32-210, Secretary (Typing), GS-318-4/5, Code 3242 — Incumbent provides secretarial support to the Thermal/Structures Branch located in the M/L compound. Promotion potential to GS-5.

No. 32-211, Secretary (Typing), GS-318-4/5, Code 3273B — Provides secretarial support to the Vertical Launch Program Office. Promotion potential to GS-5.

No. 33-014, Secretary (Typing), GS-318-3/4, Code 3354 — This position is located in the Sea-Launched Weapons Fuze Branch of the Fuze and Sensors Department. The incumbent provides clerical and administrative support to the branch head. Knowledge and working skill on an IBM Displaywriter desirable. Promotion potential to GS-5, but not guaranteed.

No. 33-001, Secretary (Typing), GS-318-3/4, Code 3894 — Provides secretarial support to the Warhead Dynamics Branch. Promotion potential to GS-5.

No. 39-004, Secretary (Typing), GS-318-4/5, Code 3917 — Provides secretarial support to the Weapons Effectiveness Branch.

No. 39-009, Secretary (Typing), GS-318-4/5, Code 3941 — Incumbent provides secretarial support to the head, Sensors and Platforms Branch.

Recent Departures

Code	Name	Title
015	Cartwright, William F.	Physicist
08621	Mansfield, Amy L.	Finance Clerk
121	O'Neill, Margaret H.	Intelligence Library A.
14111	Coleman, Robert D.	Electronics Engr.
2501	Woodridge, John P.	Program Manager
26025	Lee, Donald W.	Industrial Eq. Mechanic
26423	Salmon, Claude J.	Industrial Eq. Mechanic
2651	Hoskins, Flois G.	Housing Clerk
2672	Chrisinger, Leroy D.	Hvy. Mobile Eq. Maint. In.
3115	Viers, Mark J.	Computer Scientist
3274	Lindauer, Lisa A.	Mechanical Engr.
3412	Stahlman, Wanda L.	Techn. Pub. W/E (PS&E)
3626	Pracchia, Louis D. Jr.	Electronics Tech.
389	Joyner, Taylor B.	Research Chemist
62123	Cleveland, Clark G.	Engrg. Tech.
62203	Musgraves, Dennis L.	Electronics Tech.
62C2	Kirby, Philip J. Jr.	Electronics Engr.
64242	Mills, Robert L.	Electronics Tech.

Non-appropriated Funds Arrivals

2211	Martin, Bradford
2211	Hunter, Geoffrey
2213	Baker, Patrick

Non-appropriated Funds Departures

2213	Taylor, Sherrie
2213	Hogan, Leonida
2211	Abbiatti, Rhonda
2211	Starke, Janice
2222	Harrell, Lana



Personnel Development Opportunity

VAX/VMS UTILITIES AND COMMANDS

12-16 May, Monday-Friday, 0800-1600, Training Center. By: Walter Gallant.

Prerequisite: Knowledge of computer systems, 6 months of programming experience.

Intended Audience: Computer programmers on VAX systems.

Scope: In this course you should learn to

- Create and maintain collections of text, data, and program files
 - Use logical names and command synonyms to modify the working environment
 - Communicate with operators and other users via an interactive terminal
 - Submit and control batch and print jobs
 - Write, debug, and execute command procedures for the control of interactive and batch jobs
- Note 1: This course is equivalent to the Digital Equipment course of the same name.
- Note 2: Preference will be given to programmers using installed systems and people who are enrolling in this course is a prerequisite.

Deadline: 28 April.

DEFENSE CONTRACT MANAGEMENT

12-16 May, Monday-Friday, 0800-1600, Training Center. By: Government source.

Scope: Provides nonprocurement personnel associated with any of the various aspects of contracting with an understanding of the statutory and procedural requirements that form the basis of the contracting function. Course materials focus on the interrelationships between contracting personnel and other functions during the pre-award and post-award phases of the procurement process: soliciting sources, evaluating proposals, awarding contracts, and exercising proper post-award surveillance.

Deadline: 28 April.

DATA MANAGEMENT AND DOCUMENTATION

5 June, Thursday, 0800-1600, Training Center. By: Shirley Pladson, Code 3651.

Scope: This course is part of the Technical Management Curriculum. The emphasis is on what the program or technical manager, not the practitioner, should know about data management and documentation. Topics will be what data management and documentation is, why it is important, and how it is integrated into the acquisition program.

Deadline: 16 May.

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

ISSCO GRAPHICS SOFTWARE

5 May, Monday, is TELLAGRAF Level 1; 6 May, Tuesday, is DISSPLA Level 1; 0800-1630; Trailer 1414A behind Michelson Laboratory. By: ISSCO.

Manuals: Not required, but are available from Gwen Williamson, ext. 2519 or 2347

Prerequisite: Password on VAX B and a graphics terminal that you can bring to the class. No programming knowledge is needed for TELLAGRAF 1, but some programming experience is needed for DISSPLA 1.

Intended Audience: Anyone who wants to do graphics with TELLAGRAF or DISSPLA.

Objective: The objective of the 1-day TELLAGRAF 1 course is to teach you how to make professional-looking charts and graphs (bar charts, line charts, pie charts, and word charts) with the use of the computer.

The objective of the 1-day DISSPLA 1 course is to teach programmers how to call DISSPLA library subroutines from their programs and make a graphical representation of that data. The features that DISSPLA has that TELLAGRAF doesn't have are 3-D, mapping, contouring, and others.

Scope: You will learn to use the basics of the graphics software packages of TELLAGRAF or DISSPLA to represent your data.

To enroll, contact E. Nash or H. Lindblom, ext. 3265. (Code 14)

NAVY FORMAT FOR TECHNICAL WRITERS

22 May, Thursday, 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*. The class will help you make the transition from "governmentese" to plain English. You will learn the formats for naval letters and memorandums and their use. Please bring a *Correspondence Manual* to class.

Deadline: 8 May.

FINANCIAL MANAGEMENT FOR NEW SUPERVISORS

22 May, Thursday, 0800-1130, Training Center. By: Gale Poppen.

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

Deadline: 8 May.

