



REHEARSAL — Getting ready for the Spring Fling party, the committee in charge appears to be about to try out water temperatures at the Commissioned Of-

ficers' Mess pool. The party will be held on Friday, May 29 from 6 p.m. to midnight at the COM pool area.

Flash floods a hazard for drivers

Not all road hazards come from other drivers.

Storms in the mountains and in the Indian Wells Valley this week again remind everyone that such storms can bring flash floods across desert roads.

Even though rainfall may not be heavy in a local area, rain falling in surrounding mountains can still roar down gullies and washes and across roads.

Any gully wash that has water running in it should be approached with care.

Often there's no way to tell just how deep the water is or how fast it is running. No one should try to wade across to determine its depth — it may be much deeper than it appears.

Drivers who travel after dark need to exercise special care because their headlights may show what appears to be only a thin film of water across a road but actually is a gully six or more feet deep with water. When driving at night on the

desert watch not only the road itself but also both sides of the road to see if there's a gully or wash.

Force of water around, under and over an asphalt road can wash-out the ground underneath sufficiently to leave the road itself unsupported. The weight of a car driving over such a section of road may be enough to break through: if a road is barricaded because of flood conditions, don't remove the barricade since the road itself may be unsafe.

Bow-and-arrow fishing possible

Anglers who'd like to try something different can use a bow and arrow to take carp. A number of big carp can be seen by those who like to wade in the shallow portions of Lake Isabella; carp do provide interesting sport for those who like to try their hands at a unique challenge. These are the only fish that can be taken with a bow and arrow and a fishing license is needed.

Riders needed

Riders are wanted for the Kern Valley van pool for the round trip from Weldon to China Lake Monday through Friday.

Anyone wishing further information can reach Ralph Collins at NWC ext. 1176 or Edna Vines, NWC ext. 7245.



	Max	Min	Peak Gust	Precip
Fri.	84	60	14 knots	trace
Sat.	93	56	20 knots	—
Sun.	95	56	22 knots	—
Mon.	98	60	23 knots	—
Tues.	96	60	25 knots	.11 in.
Wed.	97	68	9 knots	—
Thurs.	99	62	—	—

All measurements are made at Armitage Airfield.

Spring Fling set May 29

All Center personnel are invited to attend the Spring Fling Party, a welcome aboard for all new Junior Professional employees, to be held on Friday, May 29, from 6 p.m. to midnight.

The party will be held at the Commissioned Officers' Mess pool area. Music for the event will be provided by "Ted Lemon and the Sound Waves," and a mere \$3 ticket ensures "all the soda and beer you can drink."

Tickets can be purchased at the door or they can be purchased in advance from Kurt Reese, NWC ext./ 2951; Chuck Creusere, NWC ext. 3341; Norman Alexander, NWC ext. 2758; Jan Chun, NWC ext. 2951; Glen Craig, NWC ext. 1156; John Buy, NWC ext. 3534; Tom Pham, NWC ext. 3483; Cheryl Preul, NWC ext. 1051; and Russell Mills, NWC ext. 6401.

A co-event, COM Membership Night, will be held simultaneously.

This will be a "Cook your own steak" steak night, with charge of the steak being 40 cents an ounce for members and 60 cents an ounce for nonmembers.

Along with the steak, there'll also be a salad bar, baked potato, garlic toast and veggies.

Fair opens Wed.

This year's Spring Festival opens at the Desert Empire Fairgrounds on Wednesday at 6 p.m. Those who attend that evening can purchase a red garter for only \$4 and ride on all the midway rides free throughout that evening.

All the fun rides, games and exhibits that have characterized Spring Festivals through the past 26 years will again be available, along with nightly entertainment.

Among the exhibits this year will be a horticulture exhibit. New also are unique novelty shops and a soundoff display contest.

The gates at the fairground will open at 5:30 p.m. Thursday and Friday and at noon on Saturday and Sunday. General admission is \$2 with senior citizens paying \$1 and children under the age of 12 being admitted free. Parking is also free.

P.S.: There are also lots of food booths selling top-notch munchies to give fairgoers the energy that they need to enjoy all the attractions.

Movies

FRI.-MON.	"PLATOON"	MAY 15-18
	Starring Tom Berenger and Willem Dafoe (Drama, rated R, 120 min.)	
WEDNESDAY	"LADY AND THE TRAMP"	MAY 20
	(Animated, rated G, 76 min.)	
FRIDAY	"SOMETHING WILD"	MAY 22
	Starring Melanie Griffith and Jeff Daniels (Comedy, rated R, 144 min.)	
Starting Time: Evening 7 pm		
IGI ALL AGES ADMITTED General Audiences		
IPGI ALL AGES ADMITTED Parental Guidance Suggested		
IRI RESTRICTED Under 17 Requires Accompanying Parent or Adult Guardian		

★ U.S. Government Printing Office 1987 — No. 40056

FROM _____

PLACE STAMP HERE _____

TO _____

Wellness of personnel vital to Center mission

All China Lake personnel, both NWC's and that of tenant commands, will shortly receive a questionnaire about what would be appropriate in a "wellness" program for military and civilian personnel.

Employee health plays such a major role both in quality of life at China Lake's military and civilian personnel and in achieving excellence on the job that Center Command plans to establish a wellness program.

Such a program, Capt. John Burt, NWC Commander, believes can result in substantial improvement in work quality, reduced absenteeism and turnover, and can help provide an attractive environment for attracting new military and civilian personnel into the Center's work force.

A steering committee has been appointed to develop a program and monitor its results. Jim Bowen, Deputy Support Director, is chairman of the committee, whose

members include Bill Ball (Code 14), Matt Anderson (Code 32), Dillard Bullard (Code 39), Cdr. Dean Hermann (Code 232), Marilyn Ball (Code 0836) and Mike Osborn (Code 3254).

Volunteers are being sought to assist at various sites. Anyone who would like to volunteer to serve as an area coordinator is asked to contact his or her department head of staff.

Tentatively the program will consist of five modules: high blood pressure, smoking cessation, nutrition, exercise and signals and actions. These can be addressed at three levels, depending on the wishes of Center personnel in the various areas as expressed by the questionnaires.

All questionnaires need to be returned to Jim Bowen, Code 02A, by May 29 so they can be tabulated and an appropriate wellness program developed.



HOW HIGH? — HM3 Jake Croteau checks Capt. Paul Valovich's blood pressure before last week's Commander's meeting as Jim Bowen and Cdr. Dean Hermann look on.

NWC Rocketeer

Naval Weapons Center, China Lake, California 93555 6001

Vol. XLII, No. 19 / May 15, 1987

Specialized skills deliver TD Award to Kryzcki

Expertise in high angle-of-attack aerodynamics and his technical leadership of the Vertical Launch ASROC (VLA) Aerodynamics Working Group brought Leroy Kryzcki the Technical Director's Award recently.

Gerry Schiefer, NWC Technical Director, noted that Kryzcki had worked on the Quickturn/Agile programs, which had missiles with peculiar flight characteristics and that this expertise was immensely valuable to help solve problems that developed with VLA in 1986.

Following two flight failures in 1986, PMS-416 established working groups to determine causes of failure and corrective

actions. The Aerodynamics Working Group was assigned to the Naval Ocean Systems Command in San Diego, which requested support from NWC. Kryzcki, working in Code 327 of the Ordnance Systems Department, was chosen as deputy head of the group because of his knowledge of the field and his leadership.

He selected a team of experts from NWC, consulted with other experts elsewhere and extracted data from other relevant missile programs. Literature was searched for information on high angle-of-attack effects, influences and potential fixes. Detailed plans were prepared for tests to validate the postulated causes for the flight

behavior that had been observed and fixes recommended.

The complex assignment was completed in less than 90 days, according to the nomination submitted by Matt Anderson, head of the Ordnance Systems Department.

Schiefer said that he had used papers prepared by Kryzcki extensively in dealing with people in Washington and that these had been of immense value.

Kryzcki then said, "This isn't the kind of job you do by yourself. A lot of people worked on it. I've enjoyed the work because I've had the chance to see people again that I haven't seen in 10 or 15 years, to see how far the technology in this field has advanced — and where it hasn't advanced. It's been a pleasure."

As Schiefer presented the engraved paperweight, letter of commendation and stipend comprising the award to Kryzcki, who is retired, he said, "We want to entice you to come back. Our bridges at China Lake are made of concrete so they can't be burned; the way will be open for you to return."

Kryzcki, who holds a master's degree in mechanical engineering from the University of Nebraska, came to work at China Lake in August 1959. His retirement home is in Oregon.

MIPIs do make a difference as 21 employees discover

Twenty-one China Lake civilian and military personnel are sipping their morning coffee from mugs that they received in honor of their having submitted the first 35 Model Installation Program Initiatives.

"Being able to submit changes that make sense, that improve efficiency or that change too hard ways of accomplishing tasks is very exciting for a local Commander," Capt. John Burt, NWC Commander, told the group that was gathered

at the Headquarters Building conference room.

"In fact, even the submission of these MIPIs may be of use because they make people look at what may be seen as a problem, whether or not the individual MIPI is approved," the Skipper continued.

"I want to thank all of you for not only having given thought to problems and how to solve them, but also for having enough

(Continued on Page 4)

NWC gaining postal station

Starting Monday, May 18, China Lakers who need postal services will be able to conduct their business on board the Naval Weapons Center in the old Station Restaurant at the corner of Lauritsen Road and Blandy Avenue.

Hours for the China Lake Contract Postal Station will be Monday through Friday from 11 a.m. to 5:30 p.m. and Saturdays from 9 a.m. to 1 p.m.

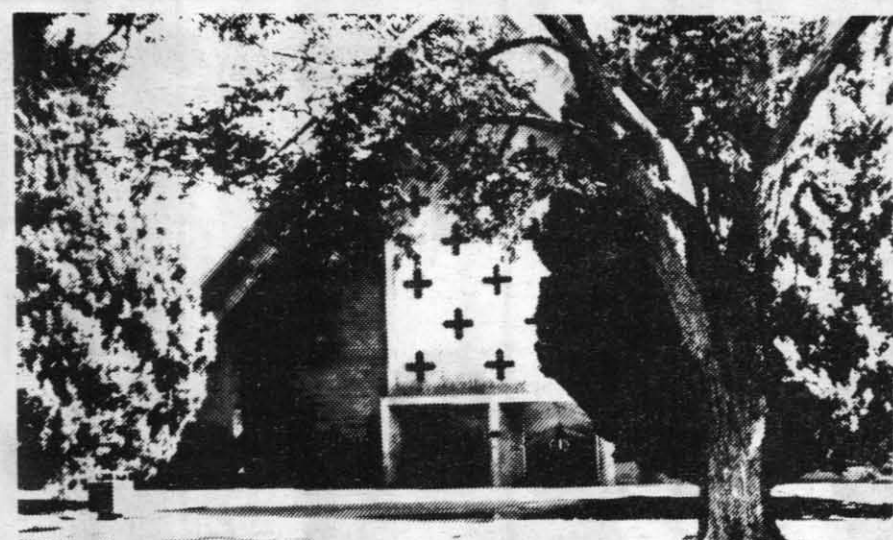
The Postal Station will rent postal boxes

and will offer standard retail postal services including stamps, stationery, money orders, parcel post and Express Mail. Although the main clientele is expected to be on-Center residents and NWC employees, the Postal Station is open to anyone who can get onto the Center.

Opening of the Postal Station will cause no changes in delivery of official mail to NWC or residential mail to Center residents.



REWARD — Leroy Kryzcki accepts the Technical Director's Award from Gerry Schiefer, NWC Technical Director. — Photo by Steve Boster



Divine Services

Protestant	
Sunday Worship Service	10:30 a.m.
Sunday School (September thru June)	9:00 a.m.
Bible Study (East Wing)	
Wednesday 11:00 a.m. (September thru June)	
Thursday 8:15 a.m. Men's Prayer Breakfast	
7:00 p.m. Officer's Christian Fellowship	
Christian Military Fellowship	
Islamic	
Jumaa Prayer (Friday in Annex 4)	1:00 p.m.
Roman Catholic	
Sunday Mass	9:00 a.m.
Communion Service (Monday)	11:35 a.m.
Daily Mass (Tuesday thru Friday)	11:35 a.m.
Confession (Friday)	4:30-5:00 p.m.
Religious Education Classes (Sunday)	10:30 a.m.
(September thru May)	
Jewish	
Weekly Services (Friday - East Wing)	7:30 p.m.
Adult Education (Saturday in Annex 4)	9:00 a.m.
Religious School (Saturday in Annex 4)	1:00 p.m.

Chaplain J. Milton Collins, CAPT, CHC, USN
Chaplain A.J. Smith, CDR, CHC, USN
Chaplain Claude R. Beede, LT, CHC, USNR
Hearing Impaired Equipment, Nursery Available
Phone NWC ext. 3506, 2773

Paul Homer becomes Alfred P. Sloan Fellow

Paul Homer, head of the Aircraft Weapons Integration Department, has been selected by the Massachusetts Institute of Technology as an Alfred P. Sloan Fellow for the 1987-88 academic year.

Homer will join 50 men and 5 women, all mid-career executives, from the United States and abroad to enter the Sloan Fellowship Program, a 12-month course of study that leads to a Master of Science Degree in Management.

He says that when he and the others attended the orientation for this year's class, they were told to bring adequate luggage so they could take back about 30 pounds of books they are expected to read before classes begin on June 12.

"I've not gotten through all of them yet," he says, "but the course work sounds exciting."

Also exciting is the annual trip abroad taken by MIT Sloan Fellows in which they visit with senior industrial and governmental officials in either Europe or the Far East. "I don't know where we'll be going," Homer notes, "but we were told to be sure our personal passports were ready for use."

Sixty percent of this year's class comes from U.S. industry; the rest are from gov-

ernmental agencies or from abroad. Homer is one of two Department of Navy personnel selected, with the other being from the Naval Underwater Systems Center in Newport, Rhode Island.

Nations from Japan to Finland to Saudi Arabia are also represented by class members in this 56th year of the program that has over 1,600 alumni scattered throughout the world.

Homer began his career at China Lake as a Junior Professional Employee in June 1962 after completing a basic degree in physics from the New Mexico Institute of Mining and Technology in Socorro. He says he chose China Lake because of the variety of work available and the educational opportunities.

He took advantage of those opportunities by completing a master's degree in engineering through an external degree program with the University of California at Los Angeles.

Selected to become head of the Electronic Warfare Department in 1982, his outstanding work led to his receiving the L.T.E. Thompson Award for his significant contributions during completion of the HARM research and development program as well as for initiation of the SideARM

Obese children a worry

At a time when most Americans seem concerned with getting in shape, shedding extra pounds and generally living a healthier lifestyle, there is a group being left behind — our children. They are being left behind to sit back, eat poorly, watch television and live a generally inactive lifestyle that can lead to obesity.

Obesity is defined as a body weight 30 percent higher than the values listed on accepted height and weight tables. Recent studies show that the total number of obese children ages 6 to 11 has grown 54 percent in the last 15 to 20 years. Among 12-17 year olds the prevalence of obesity has increased 30 percent. And the incidence of obesity is twice as high among preadolescent black children than in preadolescent white children.

The problem of childhood obesity is not that it's just physically unattractive but psychologically damaging in the formative years. It also poses a significant potential health problem for youngsters. Some experts think obesity is an independent risk factor for heart disease. It is a strong contributing factor to two other heart disease risk factors: high blood pressure and adult on-set diabetes. In addition overweight children usually have higher blood pressure than children who are not overweight.

Heredity plays a big role in the problem, meaning every child is not at equal risk. But there are other contributing factors. Many scientists are pointing an accusing finger at television. Children eat more while they watch television, and they watch a lot of it. They also have a tendency to eat more of the foods advertised on television. The message to them says they will be thin no matter what they eat, because everyone on the screen is thin.

The solution? A combination of proper diet and exercise will help provide the answer to this growing problem.

Exercise has become a national, recreational pastime and more and more people are beginning to realize that not only is exercise good for their health, it's also fun.

Parents can take the lead by encouraging children to get out of the house and away from the television by limiting TV viewing time. They can offer exercise suggestions from bicycling to roller skating.

Mom and dad can get the physical activity they need in their lives, too, by joining their children in exercise.

Good health habits formed early in our children's lives will follow them for a lifetime.

— American Heart Association

Chapel forms support group

"Beginning Again," a support group for the separated and divorced, is being formed by the NWC Chaplain's Office. The group will meet Tuesdays from 6:30 to 7:30 p.m. at 1905 Mitscher (across the street from the All Faith Chapel) starting June 16.

Topics to be presented include loneliness, forgiveness, single parenting and visitation, legal and financial aspects to separation and divorce, relationships (ex-spouse, ex-inlaws, friends, parents, children) and meeting people.

There is no charge and babysitting will be provided. Anyone interested is asked to register by telephoning NWC ext. 2873 or 5566. Space is limited so prompt registration is essential.

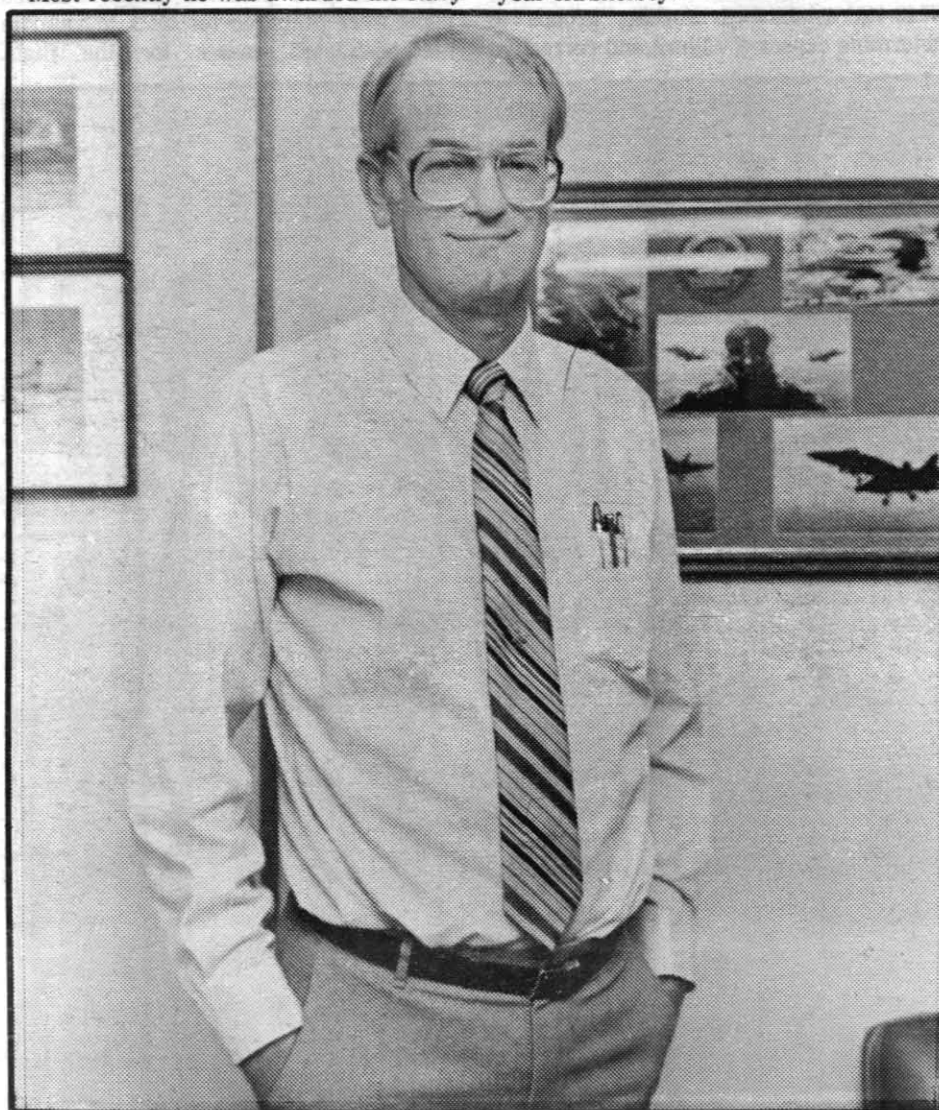
development effort.

In addition he was cited for facilitating the beginning of an electronic warfare performance analysis program aimed at defining requirements for advanced electronic warfare systems.

Most recently he was awarded the Navy

Meritorious Civilian Service Award for his work while head of the Electronic Warfare Department.

Homer and his wife, Pat, are parents of two sons and a daughter — and proud grandparents of 5-year-old Trevor and 3-year-old Shelby.



OFF TO SCHOOL — Paul Homer looks forward to his year as an Alfred P. Sloan Fellow at the Massachusetts Institute of Technology.

More than just sand in canyon

A favorite picnic and outing spot for local residents is Sand Canyon, which is the first Sierra Canyon south of the Inyo County line.

Access to Sand Canyon is by a dirt road located due west of the intersection of Brown Road and Highway 395.

The road climbs gradually past a gravel pit, under the new aqueduct, and then enters the canyon itself. It actually goes back miles into the mountains, a pleasant exploration for anyone inclined to explore.

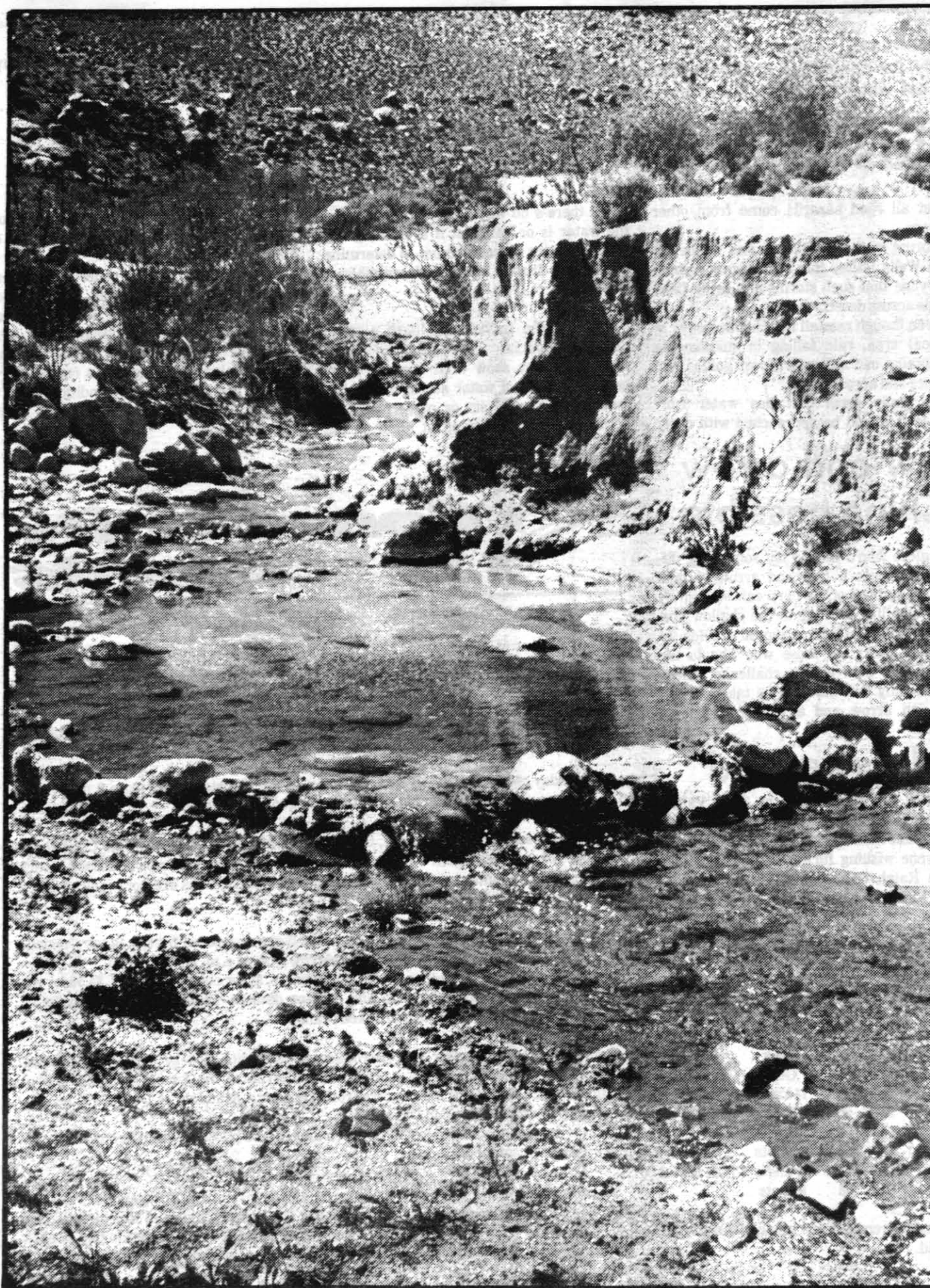
Trees line the tiny stream that runs with fresh, clear water during the spring and early summer—until the last of the snow at higher elevations melts. Picnic sites (undeveloped) can be found along its banks, especially near the old aqueduct.

Sand Canyon has a checkered history as a dwelling place for much wild life, many birds, and a fair number of miners, explorers, and people who just plain wanted to get away.

During the 1920s, bootleggers found it a sheltered haven to brew various kinds of "hootch," such as fig brandy, but its liveliest history came during the troubles between Inyo County residents and the Los Angeles Department of Water and Power. Sand Canyon was one of the sites where dynamite was used to delay full use of the aqueduct. A heavily padlocked tunnel still exists that was used during construction of the aqueduct; currently, the Navy has a use permit for the tunnel and it was used as a potential bomb shelter during the Cuban missile crisis of 1962.

Currently more people use the canyon than wildlife—the deer, coyotes, bobcats, and mountain lions that formerly were common have given way to humans in search of recreation.

Story and
Photos by
Mickey Strang



NWC Rocketeer

Captain John Burt
NWC Commander

Gerald R. Schaefer
Technical Director

Denny Kline
Public Affairs Officer

Mickey Strang
Editor

Steve Boster
Associate Editor

PHAN Bob Reynolds
Staff Photographer

Official Weekly Publication
Naval Weapons Center / China Lake, California 93555-6001
(619) 539-3354 or 939-3355

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Team efforts highlight youth soccer performance

Team effort, good plays and excellent saves by the goalies highlighted the eighth week of play for the NWC's Youth Soccer league.

Sounders 6, Tornados 3
Despite tough competition, the Sounders won the game with single goals by Steven Yoo, Jamie Scholl, Damon Kelling, Matthew Bullock and two goals by Beau Arnold. Philip Johnson kicked in all three goals for the Tornados with one assist by Chad Shedlock. Despite the loss, Howard Gamble was a definite asset to the team.

Kicks 4, Whitecaps 0
With great saves by goalies Mic Ryan and Brad Harper, the Kicks were victorious with goals made by Harper; Jerry Green, assisted by Mike Ogren; Tommy Fuller; and Ogren, assisted by Andy Lopez. Florian Ghivrau, Ryan Jones and Josh Rogge tried, but couldn't stop the Kicks.

Roughnecks 4, Diplomats 0
Two goals by Sean Williams and single goals by Eric Armstrong and Jonathan Rae helped the Roughnecks to win the game. Chris Blevens, Ryan Webb, Ben Friedman, Michelle Murphy and Eric Strickland contributed to the win by their great plays. Good offense by Mark Lopez good defense by goalie Garrett Katzenstein, and excellent block and saving kicks by Jonathan Sutherswaite wasn't enough for the Diplomats.

Fury 3, Rogues 1
Good offensive play from Tommy Watt and Scott Wilson and goals made by Watt, Wilson and Kelly Richison led the Fury to victory. With three players short, the Rogues were at a distinct disadvantage.

Aztecs 1, Lancers 0
Great team effort, a goal by Mike Hobson and great plays by Rebecca Paulcich helped the Aztecs to be winners. Avo Haroutunian and Glenn Bakermade were excellent players for the Lancers.

Apollos 4, Express 0
Brian Spies saved the only Express shot on goal for the Apollos. Matt kicked in two goals and Rory and Sean each knocked in a goal in the win. Blazing heat and blunders hurt the Express in the first half, but Jason, Chris and Ben caught on in the second half and kept the Apollos scoreless.

Whitecaps 5, Fury 1
Whitecaps dominated the game with Ashley Fortune and Tim Castleberry playing great. Whitecaps' goals were made by

Chris Marshal, Ted Mechtenberg, Fortune and Charles Eberhart. Scott Wilson's goal and great plays from Wendy Meeks and Dean Barnette weren't enough in the loss.

Stings 2, Earthquakes 0
Michael Frederick and Luke Worjdzik, assisted by Frederick, booted in the winning goals. Nathan Turner, Jason Ford, Michael Murray and Amber Burke played excellently in the win. Jeremy Ellingson, Jennifer Crouch and Matt Hill led the Earthquakes.

Cobras 2, Roadrunners 2
In a closely fought game, the Roadrunners managed to block three attempts at the goal by Cobras' Joshua Kirkpatrick. Cobras' goals were kicked in by Matthew Armstrong. Teah Harriot blocked numerous shots at goal by the Cobras and Nicholas Charlton continuously blocked the Roadrunner's offensive plays.

Owls 1, Coyotes 1
Tough defense by both teams made for a scoreless first half. Kenny Foley, Behrang

Goodarzirad, Kevin Nowicki, David Rollingson and Jeremy and Cheryl Wiegert provided good plays for the Owls. Blocks by Robbie Vantine, good plays by Michael Lamond, Joshua Roberts and Cherise Muhn and a goal by Justin Martin led the Coyotes.

Drillers 4, Sockers 0
Chris, with two goals, and Shawn and Mark, with one goal each, paced the game for the Drillers. Excellent plays were executed by Lacey Cordell, Becky Sharp and Jimmy in the win. Sockers made several goal attempts, but couldn't put one in. Greg Oshel and Seth Rivers were goalies in the loss.

Strikers 3, Timbers 2
Timbers' David Ebert and Robby Tomlinson kept the Strikers score low. Sam Stevens and Aaron Knecht led the Timbers in scoring. The Strikers didn't turn in a score sheet.

Rowdies 2, Eagles 0
The Eagles played a hard fought game with Andrew Benson, Andrea Falk, Christopher Galyardt and Christianna Oliwa as outstanding players. The Rowdies didn't turn in a score sheet.

Dodgers grab division lead

Two weeks into the 1987 China Lake Little League Major Division season, the Dodgers are firmly in first place. They broke a tie for top honors Tuesday night when they edged the Tigers 13-12 in an exciting contest.

The Dodgers overcame a season opening no-hit loss to the Yankees to gain the division lead. The Tigers, meanwhile, fell into a tie for second place with the Yankees. The Red Sox are still looking for their first triumph of the season.

Minor Division action finds the Royals on top and undefeated. The White Sox are second while the Cards, Cubs and Mets are making a strong effort to stay in the race.

Games continue in the Farm and T-Ball Division as well.

China Lake Little League games are played week nights at Diamonds Three and Four on board the Naval Weapons Center.

Tomorrow (Saturday) the Phillies of the China Lake Senior League start their season at Burroughs High's JV field, hosting the Kern River Valley Giants in a 3 p.m. game.

Volleyball season concludes

Twenty-six teams ended the 1987 NWC Intramural Volleyball League season with the Roofing Company's 11-1 record earning them first place in the "A" Division.

"A" Division		
Team	Won	Lost
Roofing Company	11	1
GBU	10	2
Ball Busters	10	2
Mixed Company	9	3
Banzai Buns	8	4
Snafu I	7	4
Beef & Ducks	6	5
Snafu II	5	6
Crom's	3	9
Wild Set	3	9
Puppies	2	9

J's Gang	2	10
Burro Bits	0	12
"B" Division		
Rec Wreckers	11	2
CCCC	10	3
Vollywycules	10	3
Aeronettors	9	4
Rocketeers	8	5
D Rangers	7	6
Dust Devils	7	6
Catpaw	6	7
Banks	6	7
Bumpers	6	7
Misfits	4	8
Aromas	3	9
Squantos	2	11

Collins, Kokosenski win tourney

Karen Collins and Ruby Kokosenski were low net winners while Janet Pande and Hana Cugowski took low gross honors in the China Lake Women's Invitational Golf Tournament last week.

In the hostess flight, low net honors went

to Barbara Smith and Bets MacGregor while Doris Lalor and Dixie Lloyd were carding the low gross. Also placing in the top three with handicaps were Metie Smith and Bobbie Newton along with the team of Charlotte Carroll and Eleanor Johnson.



Sports



NOON HOOPS — Several NWC employees skip eating at lunchtime to take advantage of the opportunity to get in a little hoop play. There are a number of regu-

lars who enjoy this vigorous noon workout every day. — Photo by PHAN Bob Reynolds

Adult basketball league planned

Team representatives and others interested in a summer adult basketball league should plan to attend an organizational meeting for this loop on Wednesday, May 20 in the NWC Gym Sports Office. The meeting is set for 4:30 p.m. For additional information call the gym at NWC ext. 2334.

Center sponsors 5K run tomorrow

As part of the Naval Weapons Center's observance of National Fitness Month, a five-kilometer run is scheduled tomorrow (Saturday) at the NWC Gym. Anyone wanting to take part in this event can register at the main desk of the Center Gym. For more information call the Sports Office at NWC ext. 2571.

Intramural golf meeting scheduled

Military personnel (active duty and retired) and their dependents are eligible to compete in an Intramural Golf League this summer. An organizational meeting for the league will be held on Thursday, May 21 at 4:30 p.m. in the Center Gym.

Learn fly fishing techniques

For anyone who has always wanted to know how to fly fish, the Aguabonita Flyfishers will conduct an introductory fly fishing class starting Tuesday, May 19 at Grace Lutheran Church starting at 7 p.m. The class will include all aspects of fly fishing from equipment to fly tying and from casting to reading the water. Weather permitting, later in the class there will be some time on the water for first hand lessons. For additional information call 375-5610.

Armed Forces Day salutes military personnel



From the Revolutionary War to World War I, World War II, Korea and Vietnam, this Nation has always been proud of its Armed Forces — acknowledging them as guardians of our freedom, independence and democratic way of life. We can be especially proud of the men and women serving in today's Army, Navy, Air Force, Marine Corps and Coast Guard. You are the finest! And just as in the days of George Washington, you are all volunteers!

As we celebrate Armed Forces Day in this, the bicentennial year of the signing of the Constitution, your patriotism, dedication and your willingness and commitment to serve on the front lines of freedom have strengthened this Nation.

This Nation has every right to be proud of you because we have the best-educated, best-trained, best-equipped, most-dedicated military force in our history. You stand more ready, willing and able to defend the freedoms of this Nation and of our allies than ever before.

I join with Americans everywhere in expressing our wholehearted appreciation and support to our men and women in uniform and to your families on this Armed Forces Day. I salute your vigilance and fortitude in defending the principles embodied in our Constitution and in preserving the freedoms it guarantees.

Caspar W. Weinberger
Secretary of Defense

DOD policy ensures protection of environment

There is a sign at the entrance to the National Aquarium in Baltimore. It reads, "We don't inherit the earth from our ancestors, we borrow it from our children."

The quote accurately portrays how DOD views its responsibility toward the environment. It's a major responsibility. Consider: DOD manages nearly 1,300 major installations worldwide. Included is over 24 million acres of public property in the United States consisting of natural resources that need to be protected and conserved.

DOD uses more than 5,000 military and civilian personnel to control pollution, protect the environment and help manage the natural resources on installations.

Christina Ramsey, deputy director for environmental planning in DOD's Office of Environmental Policy said, "The reason we put an enormous amount of time and effort into protecting the environment is because it's wise to do it, not just because

there are laws that say we must."

Land management is a major responsibility. Ramsey said one of DOD's goals is to care for natural resources under its jurisdiction without using appropriated money. "We do this by selling timber or letting farmers and ranchers lease DOD-owned land," she said. DOD then takes this income and puts it back into the natural resources program.

DOD's efforts in pollution abatement and environmental restoration have been noteworthy, said Ramsey. "We want to minimize air, water and land pollution," she said. In fiscal 1986, DOD spent more than \$300 million on hazardous waste cleanup and more will be spent this fiscal year.

Other efforts show ingenuity. For example, the solvents that had been used to clean aircraft, helicopters and tanks were found to be polluting ground water. DOD now advocates blasting those vehicles with

tiny beads that wouldn't hurt the finish but still do the job. "This process only produces some dry waste that needs to be disposed of, and the beads can be reused," noted Ramsey.

DOD also sponsors environmental research, provides environmental education and training and enforces a variety of conservation measures. "But DOD gets help from a number of other local, state and federal agencies," pointed out Ramsey.

"Our work in the area of environmental research includes sharing funding with the Environmental Protection Agency and other agencies," said Ramsey. The research, she said, "is geared toward finding cost-effective technologies that will treat or contain hazardous waste and methodologies for assessing risks to humans and the environment."

Informing DOD's 3 million members about the importance of preserving the environment is also a big job. "We want to

make each member of the family, including spouses and children, aware of their responsibility," said Ramsey.

For example, at Fort Carson, Colo., each new trainee is required to attend a briefing on environmental protection. "Each soldier is informed about the environmental restrictions on that major training installation. He's told to avoid hitting trees with his tank and not to throw waste oil down a storm drain," said Ramsey.

Conservation is another big job. "We have only 300 people assigned to our natural resources program," pointed out Ramsey. "We're not staffed to be self-sufficient. Instead, we rely on the cooperative spirit of many others to help ensure all federal, state and local laws are met." Those agencies include the Fish and Wildlife Service, the Soil Conservation Service and the Forest Service.

By Tom Joyce
American Forces Information Service

NWC, NOS sign memorandum of agreement

Dominic J. Monetta, Technical Director of the Naval Ordnance Station (NOS) Indian Head, Maryland, and Gerald Schiefer, NWC Technical Director, signed a memorandum of agreement on missile propulsion development and support early this week.

The Naval Weapons Center and NOS together comprise the Navy's principal capability for research, development, production engineering and inservice support for missile propulsion subsystems. The memorandum of agreement notes the management policy of each installation recognizes and "supports the other's distinct role in providing missile propulsion development, production and inservice support."

Lead responsibility belongs to NWC in research and development phases of missile propulsion systems but the Center will ensure early involvement of NOS. The lead responsibility moves to the Indian Head installation as development proceeds into verification of the technical data package and pilot production.

"This teaming concept is the cornerstone of the joint NWC/NOS management philosophy with regard to the development and support of quality missile propulsion systems for the U.S. Navy," according to the memo approved by the two technical directors.

Approval of the memorandum of agreement, which renewed a similar agreement signed in August of 1984, came during a two-day visit to NWC by Monetta and three key members of NOS management: Charles Pappas, head, Airborne Weapons Department; Vince Hungerford, Director for Engineering; and John McDevitt, head, Manufacturing Technology Department.



MEMORANDUM OF AGREEMENT — Gerald Schiefer (front right), NWC Technical Director and Dominic Monetta (front left), Naval Ordnance Station Technical Director, sign an agreement on missile propulsion

system development. Looking on were (from left) Matt Anderson, NWC; L.H. Josephson, NWC; Charles Pappas, NOS; John McDevitt, NOS; Ray Miller, NWC; and Vince Hungerford, NOS.

MIPI suggestions bring recognition to many . . .

(Continued from Page 1)

faith in the system to put your ideas in writing and send them on," Capt. Burt said.

He then gave ceramic coffee mugs to those who submitted the first MIPIs. Jeff Meriam from the Supply Department submitted nine, Kenneth Olson from the Public Works Department submitted three and Bryan Hill from the Information Systems Group submitted two; everyone else submitted one.

Others receiving mugs included Fred Koperski, Code 14; Bruce Bonbright, Code 14; Gerald Stein, Code 08; Robert Bloudeck, Code 34; Electa Huston, Code 02; Bill Blanc, Code 34; Leo Montano, Code 34; Beth Perrine, Code 08; Dick Malone, Code 26; Joe Mendiola, Code 61; Joe Cloonan, Code 26; Blaine Manson, Code 25; Barbara Fedoriga, Code 09; Joaquin Rivier, Code 09; Elizabeth Shantler, Code 34; Brenda Burnett and Bob Adams, Code 08; and LNI William H. Gordon, Code 21.

Those not present who will receive mugs later included Deloris Thursby, Code 26; Richard Kistler, Code 08; Paul Reagon, Code 25; and Cheryl Hemmings, Code 09.

Special support recognition went to Lt. Mark Eoff and Barbara Ayers, who received mugs as well.

So far a total of 246 MIPIs have been received locally during this first year of the program. Of these, 62 have left the Center

and a final disposition has been reached on 43. Of these 37 have been approved and one was cancelled when system changes were

made regarding the problem that the MIPI addressed.

"These China Lakers," Capt. Burt added

at the conclusion of the program, "are living up to the theme of the Model Installation Program — 'Making Ideas Happen.'"



INITIATORS — Those who submitted the first Model Installation Program Initiatives at NWC when the program began last year hold the ceramic coffee mugs they received for making the submissions. Joining

then are Capt. John Burt, NWC Commander, far left and Dave Hamilton, Model Installation Program coordinator, far right.

— Photo by PHAN Bob Reynolds

Heritage Week plans announced

Guest speaker for the opening event of American Heritage Week will be Rear Admiral Benjamin Thurman Hacker, Commander of the Naval Training Center in San Diego.

He will speak at the NWC Equal Employment Awards ceremony, which will be held at the Enlisted Mess on Tuesday, June 2, starting at 6:30 p.m.

A no host social hour begins the evening to the accompaniment of the Dixieland Band. This will be followed by presentation of the EEO awards and RAdm. Hacker's talk.

A Navy pilot who holds a master's degree in administration from The George Washington University of Washington, D. C., he has been honored by his alma mater with a Doctor of Education degree as well.

RAdm. Hacker became Commander of the Naval Training Center in July, 1986.

On Wednesday, ethnic heritage will be celebrated from 11 a.m. until 1 p.m. at Headquarters Circle and in the park in front of the Headquarters Building.

All Center personnel are invited not only to attend a program by the Dixieland Band, the Valdivia Dancers and a Poly-

nesian Dance by Puanani, but also to enjoy a variety of ethnic foods sold at food booths staffed by various Center departments.

Center personnel (and Ridgecrest residents, who are invited to attend all events of American Heritage Week) are encouraged to wear ethnic costumes honoring their own heritage on this day.

Thursday's events at Headquarters Circle, again from 11 a.m. until 1 p.m., feature a Western theme. Entertainment includes music by Crosscurrent, vocalist Emma Cameron, and dances by The Side Kicks.

Food booths on that day will be manned by community-based organizations. On both Wednesday and Thursday best food booth and best costume will be judged by representatives from the Daily Independent, the Valley Inquirer and the News Review.

If weather permits, a rocket demonstration is scheduled at 12:45 p.m. on Thursday, also at Headquarters Circle.

Events of the week draw to a close on Friday with a breakfast ceremony at which Capt. John Burt, NWC Commander, will be the guest speaker.

The breakfast will be held from 6:30 to

8 a.m. at the Enlisted Mess.

Tickets will be required for both the EEO Award ceremony and for the breakfast. The ticket, to defray expenses of hors d'oeuvres, for the Tuesday evening event, is \$5 per person; tickets for the breakfast are \$4.30 each, which covers the cost of a delicious breakfast. Tickets for both events can be obtained from the EEO Office as well as from various department offices.

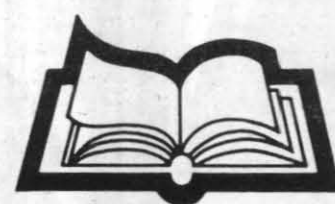
Throughout the week a film festival will be held in Room 114 of the Training Center.

On Monday, June 1, the film will be from 10:30 to 11:30 a.m. The film is entitled "Another American," and facilitator for the meeting will be Julia Le Blanc.

Tuesday's film, from 9:30 to 11:30 a.m., is "A Different Approach," and the facilitator will be Judi Farmer; while on Thursday the film, from 1 to 3 p.m., is "Eye on the Prize," with Stephen Foster as facilitator.

Rounding out the week will be "A Class Divided," from 2 to 4 p.m. Friday, with Cheryl Hemmings as facilitator.

Supervisory EEO credit will be given for attendance at the films, but no advance training request is required.



NOTS/NWC Pages from the Past

Capt. Robert F. Sellers entered the role of Commander of what was then the Naval Ordnance Test Station by a different route than any other China Lake Commander. He began his association with NOTS as Officer in Charge of the Pasadena annex (where much undersea work was carried out prior to the 1967 reorganization of Naval laboratories), then became NOTS Executive Officer, and became Commander when his predecessor, Capt. David B. Young, retired in June 1965.

Also unusual is that Capt. Sellers is the only submariner who was the NOTS Commander. That assignment had always been filled by a Naval aviator.

Capt. Sellers played football while at the Naval Academy and later returned to join

the coaching staff there.

His initial sea duty was on the USS Saratoga; he also served on a destroyer before becoming qualified as a submariner in 1939. During World War II he made seven combat patrols.

Following the war, he again served on the staff of the Naval Academy, this time instructing radio and electronics.

Among other assignments, he also attended Guided Missile School at Ft. Bliss, Texas, and was Bureau of Ordnance Liaison Officer for the Southern California Area for two years.

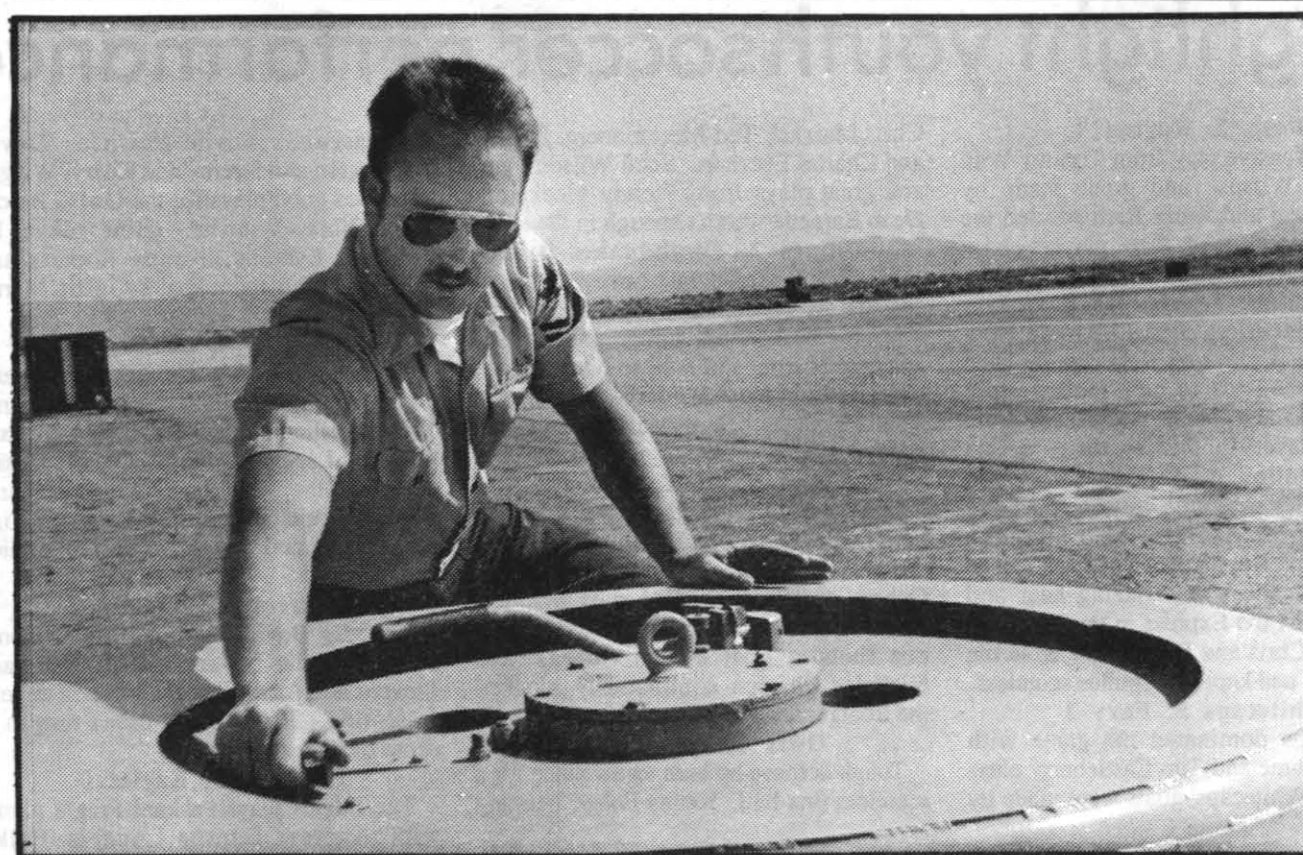
Capt. Sellers served at NOTS Commander until he was relieved by Capt. Frederick L. Ashworth in August 1955.

Another four in the Navy for Nelson

ABH2 Mark A. Nelson, a 9-year Navy veteran (it will be 10 years in December of next year) is going for a career in the service of his country. The sailor assigned to the NWC Air Terminal took the oath of enlistment once again last month for another four-year hitch in the Navy. He'll be a 13-year man at the end of this enlistment.

A graduate of Greensburg High School in Greensburg, Ind., Petty Officer Nelson has been at China Lake for a little more than two years.

The area has been more than home for the past two years; Petty Officer Nelson found his wife here. He is married to the former Mary Ann McJunkin.



SHIPPING OVER — One of his last days at the Naval Weapons Center before being reassigned to the USS Enterprise, ABH2 Mark A. Nelson was

found working on arresting gear at Armitage Airfield. He reenlisted for a third tour late last month.

— Photo by PHAN Bob Reynolds

NRS workers in 84th year of service to country

Since its founding in 1904, the Navy Relief Society has been the one charitable organization dedicated to the welfare of the U.S. Navy and Marine Corps personnel and their dependents.

Today, the NRS operates world-wide through 55 auxiliaries and 58 branches in Navy and Marine Corps installations. The key to NRS success has been the volunteers. There are more than 3,000 volunteers now serving to keep overhead costs to a minimum.

At China Lake the annual fund drive in 1986 brought in just over \$18,000. By comparison the office here spent more than \$30,000 for emergency grants and loans to

military personnel and dependents. Until June 15 key persons from all military shops at NWC will be encouraging donations from China Lakers at all levels. It is an effort to continue the "people helping people" concept that has allowed the Navy Relief Society to help so many men and women in

the Sea Service since its establishment in 1904.

Donations this year will bring tickets to drawings for a wide range of prizes made available through the Ridgecrest area business community. Prizes range from a

sports package from Bob Foster's Super Cycles to a shopping spree at Loewen's and from a bicycle at T.J. Frisbee's to dinners and movies in area restaurants and theaters.

Also coming up is the Fourth Annual B Mountain Run, a formidable challenge for runners and mountain bicyclists.

The NRS drive is a once-a-year opportunity to military and civilian personnel at China Lake to show they want to continue the tradition of extending a helping hand to sailors, Marines and dependents who are faced with emergency needs ranging from counseling to education and from medical bills to funeral costs. NRS really can help.



Military News

U.S. Marines need a few good kids

United States Marines are again seeking boys aged 14 through 17 to join the Devil Pup program.

Any healthy, non-delinquent boy may become a Devil Pup. The program at Camp Pendleton, where boys from this area are sent, is for a 10-day period. Devil Pups must pass a physical fitness test prior to being accepted into the program.

Devil Pups are accepted from all walks of life regardless of race or creed. Billets are filled on a first come, first serve basis. The most important factor in the final acceptance is the desire of the boy himself to become a Devil Pup.

In 1954 the program began at Camp Pendleton under the guidance of Major General John T. Selden, USMC. It was

designed as a community benefit project to aid the development of character qualities in teenage boys and enable them to become healthier and more successful young citizens.

When the boys arrive at Camp Pendleton they are screened and given a short hair cut. They are also given a physical examination at both the start and the end of the program.

During the time they are at Camp Pendleton they live in Marine Corps quonset huts, make their own beds and police their barracks. They comply with Marine Corps hours and regulations and eat Marine Corps food.

Devil Pups both participate in a variety of physical and training activities and

watch regular Marine Corps personnel involved in training.

The program ends with an impressive graduation ceremony to which parents and guardians are invited.

Boys interested in further information can contact either Col. Roy Edwards, USMC or First Sergeant Richard Zink in the Marine Corps Liaison Office, NWC ext. 1508, 1585 or 1471.

They can also obtain further information by writing to Devil Pup, Inc., One Wilshire Boulevard, Los Angeles, CA 90017; or by telephoning Major Lindsay, USMCR, (213) 629-7743 or (213) 872-0555.

In Lancaster the address is Devil Pup, Inc., 2753 West Avenue L-2, Lancaster, CA 93536.

NEX News

Armed Forces Day is continuing to be honored by the Navy Exchange with a special sale that lasts until May 17.

The next sale will begin May 21 through 25 for Memorial Day. The garage will be closed for the holiday on May 23 through 25. Monday, May 25 will be a SUPER MONDAY SALE. Store hours on that holiday will be 10 a.m. to 2 p.m. and there'll be bargains galore.

Later that week — May 28 through 30 — the NEX Food Services will sponsor a meat/soda truck-load sale in the parking lot of Bennington Plaza. Here's a good opportunity to stock up for summer enjoyment of food and drink.

Discount fare for military

For one day only, Saturday, May 16, Trans World Express at the Inyokern Airport will offer tickets from Inyokern to Los Angeles International Airport at half price for active duty military personnel with identification to help celebrate Armed Forces Day 1987 and recognize the contribution of military members. Tickets will be available only at the Trans World Express ticket counter at the Inyokern Airport. The ticket counter will be open from 6 a.m. to 5 p.m.

Military personnel who buy the tickets at half price will have until Dec. 31, 1987 to make reservations and use the tickets.

Woman officers sponsor second seminar

Questions on career opportunities and other problems facing women officers in the U.S. Navy will be among the topics covered as the second annual professional development seminar sponsored by the Women Officer's Professional Association (WOPA) of San Diego on May 27. The seminar will be held from 7:30 a.m. to 4 p.m. at the Holiday Inn Embarcadero.

Speakers at the seminar will include Vice Admiral D.L. Carlson, Chief of Navy Per-

sonnel and Capt. Jane Renninger, Commanding Officer, Naval Training Station, Orlando, Fla.

The seminar is an opportunity for women officers in southern California to further their professional development and share experiences. Included in the day-long event will be a talk on fitness reports and promotion boards, briefings on medical, supply, surface line, aviation and restricted line communities career opportunities. Also,

officers attending will hear discussions on women's special health and uniform issues and the issue of working mothers.

VAdm. Carlson is the luncheon guest speaker and tickets can be purchased separately for it. The luncheon fee is \$10 while the luncheon and seminar combination is \$18. Reservations are required and can be made by calling LCDr. J. Adams at (619) 225-6262, ext. 6945 or Cdr. B. Thompson at (619) 225-4161.

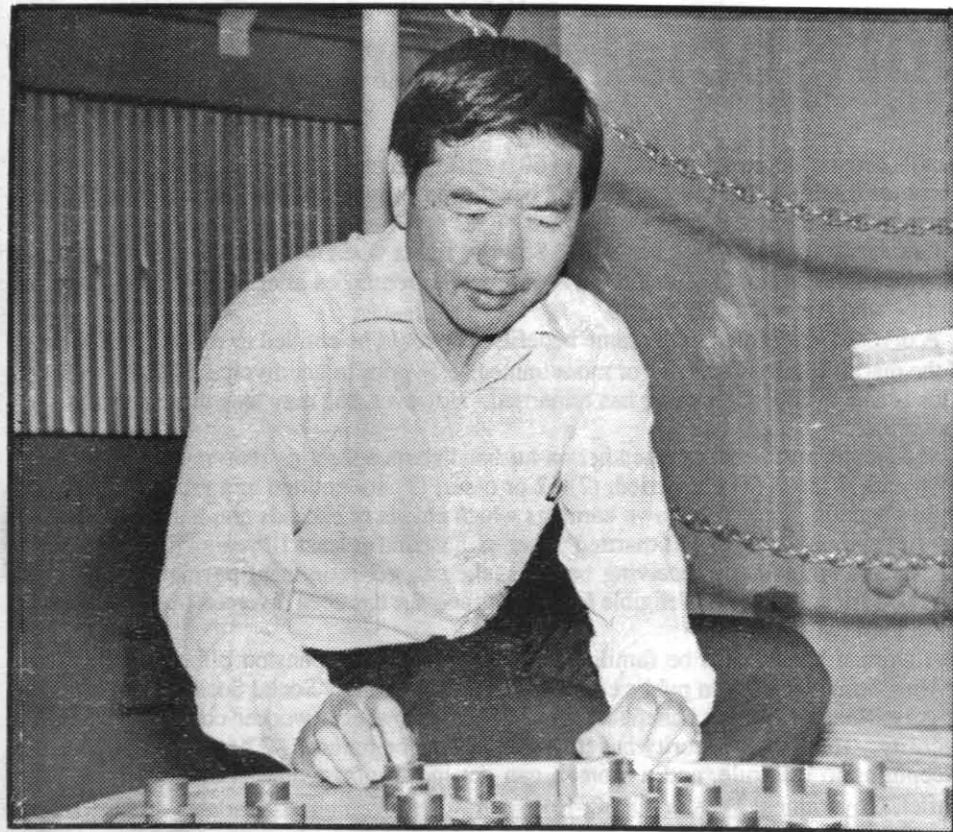
Former flight-testers schedule reunion at NATC

This fall the Naval Air Test Center at Patuxent River, Maryland, is planning a Flight Test Symposium and Reunion for current and former Flight Test-ers. It is a

chance to catch up on what's going on in naval aviation, at NATC and to renew acquaintances in the area. The event is planned for Oct. 23-25.

Flight Test Symposium & Reunion Committee
Naval Air Test Center
Patuxent River, Maryland 20670-5304

NWC HOTLINE
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Call: NWC ext. 3636 (24 hrs.)
or call the Inspector General at:
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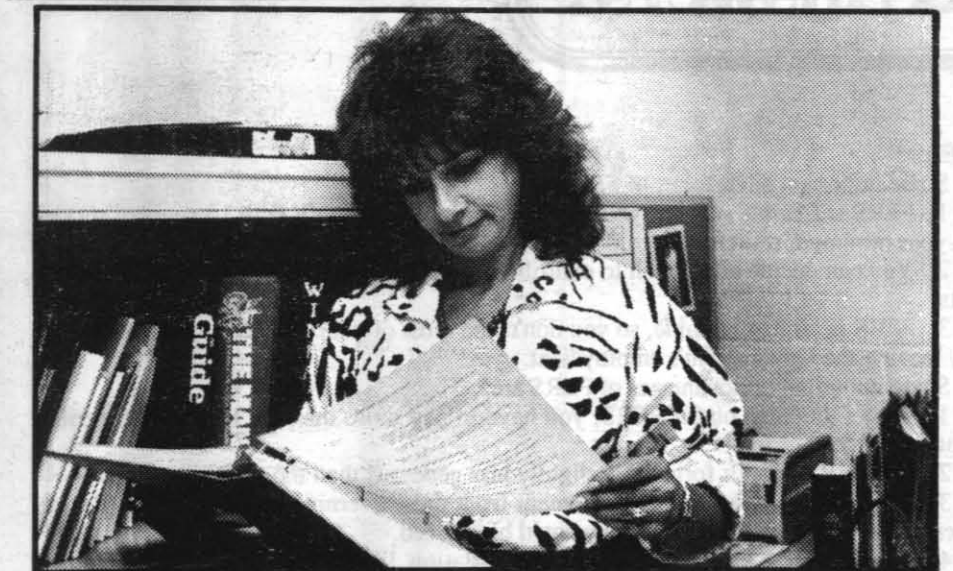


KEN KATSUMOTO, JAPANESE ANCESTRY, CODE 6212A -- "My interpretation of American Heritage is a combination of many diverse heritages from various parts of the world. This includes heritages from the American Indians who were the first to be here as well as heritages from those who arrived here later.

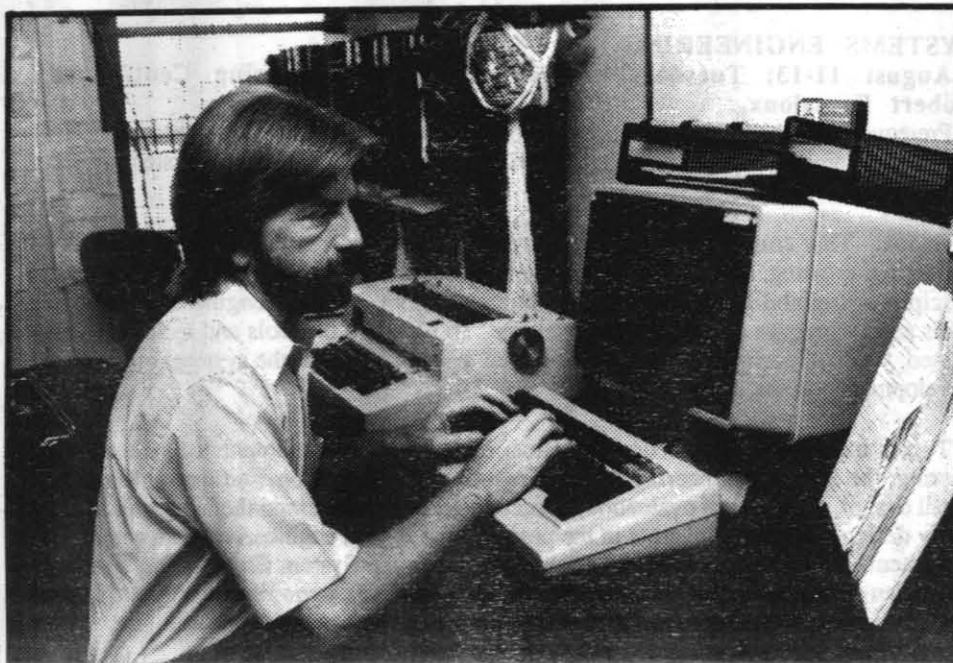
"Because of the complexity and diversity of American Heritage, it is difficult for me to clearly define what it means to me. However, two of the most important aspects of American Heritage, in my opinion, are freedom and the opportunity to succeed. These, I think, have had a big influence on America being the great country it is today."

Americans -- proud of their heritage!

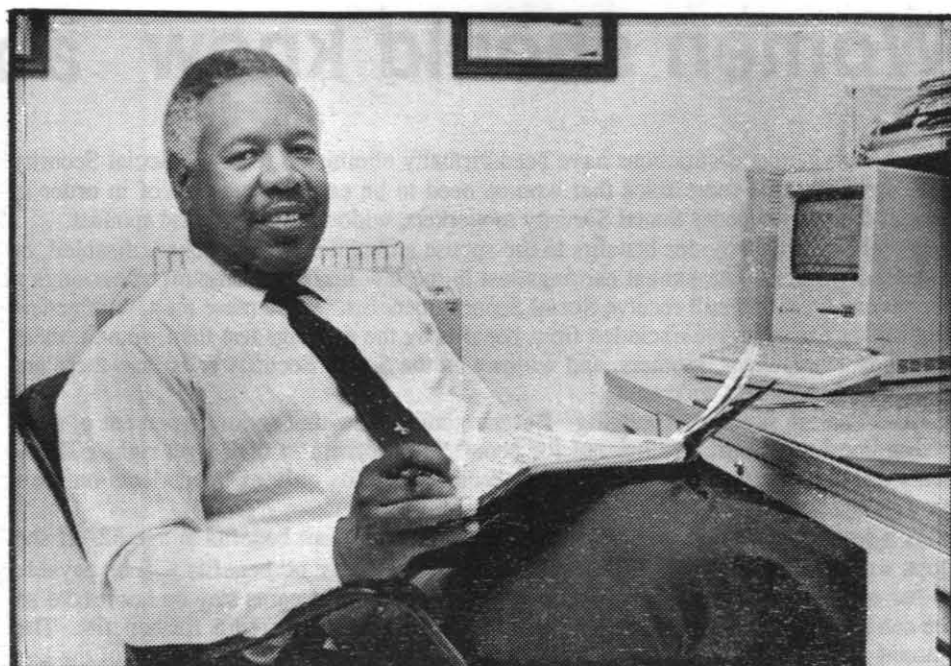
Americans are proud of their heritage and in honor of American Heritage Week, being held June 2-5, some Center employees give their definition of what American Heritage means to them.



JUDI FARMER, ITALIAN ANCESTRY, CODE 093 -- "To me, American Heritage Week is a celebration acknowledging all of the different ethnic groups that make America the country that it is. It is a time to celebrate the diversity of our nation."



CHARLES NEAL, SCOTTISH/IRISH ANCESTRY, CODE 09202 -- "American Heritage means the 'Red, White and Blue'; the freedom of speech; and the opportunity of many nationalities to unite under one flag and support this great nation of ours."

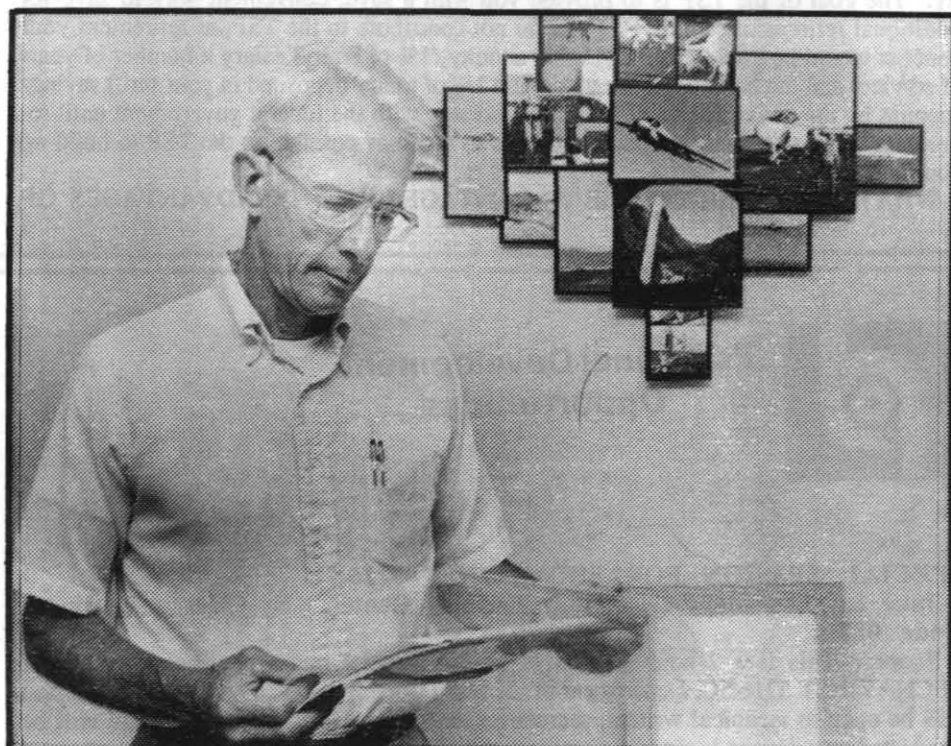


STEPHEN FOSTER, AFRO-AMERICAN ANCESTRY, CODE 3193 -- "I somberly reflect upon the past, present, and future status of my African-American heritage. The past becomes vivid when I consider my 'roots.' The present reveals both good and bad news. The good news is that we are making some progress in our efforts to become assimilated into 'mainstream' America. The bad news is that this progress has taken over 100 years!

"The future, I am certain, holds the key. I hope that when my son, who is currently a 20 year old junior at Princeton University, is asked this same question (circa 2000), he can honestly answer that 'the bad news is history.'"



ANNIE BLANC, FRENCH ANCESTRY, CODE 2521 -- "Because Americans are open and accepting, America has become my home; yet, I can retain the richness of my cultural background and share the best of its traditions and values with others."



WERNER G. HUEBER, GERMAN ANCESTRY, CODE 3104 -- "American Heritage has two very important meanings to me. First of all, America gives -- America and its people accept and even admire foreign born citizens more than any other country I know of. During my 25 years in America, I can not remember one occasion when I thought I was discriminated against because of my foreign heritage."

"Secondly, America expects -- Becoming an American citizen brings the responsibility with it to learn the English language and to appreciate and understand how the American political system and the government function. Without this understand and the ability to speak and understand the English language, one can not meet the responsibilities of an American citizen."



Personnel News & Notes

No. 96 / May 15, 1987

Naval Weapons Center, China Lake, California 93555-5001

Promotional opportunities

Applications for positions listed in this column will be accepted from appointable Department of Navy employees within the area of consideration and from eligible employees of attached activities who are permanently assigned to NWC unless otherwise specified in the ad. Appointable means career or career conditional employees, temporary employees with reinstatement or VRA eligibility and employees serving under Veterans Readjustment Appointments (VRAs). Alternative recruitment sources may also be used in filling these positions; vacancies are subject to restrictions imposed by the DOD Priority Placement Program. Applicants must meet all legal and regulatory requirements including minimum qualification requirements by the closing date. Applicants will be evaluated on the basis of experience, education, training, performance ratings and awards as indicated in the SF-171 along with any tests, medical examinations, performance evaluations, supplemental qualification statements and/or interview that may be necessary. Career ladder promotions are subject to satisfactory performance and cannot be guaranteed. **APPLICATION PROCEDURES:** Candidates must submit a current SF-171, along with a supplemental qualifications statement (if required), and should submit a copy of their latest Annual Performance Evaluation if relevant to the vacancy. If a supplemental statement is not required, candidates are encouraged to submit additional information which then addresses the specific Knowledge/Skill/Abilities (KSAs) cited in the ad. Write the position title/series/level and announcement number on the SF-171 and all attachments. Be sure that your forms are complete and accurate since you cannot be rated on missing data nor will you be contacted for additional information. Be certain the SF-171 and supplement are dated and have original signatures in ink. All applications will be retained in the vacancy announcement file; they will not be returned or filed in official personnel folders. Applications and supplements are accepted at the Reception Desk, Room 100, Personnel Department, 505 Blandy. Ads close at 4:30 p.m. on Friday, one week after the announcement, unless otherwise specified. Applications received after 4:30 p.m. on the closing date will not be considered. The Naval Weapons Center is an Equal Opportunity Employer; selections are made without discrimination for any nonmerit reason.

No. 34-005, Editorial Clerk/Assistant, GS-1087-4/5/6/7, Code 3463 -- This position is located in the Technical Information Department, Field Service Division, Field Branch No. 3, located at Thompson Laboratory. The primary responsibilities of this position are to perform composition, layout, copy editing and proofreading services for technical manuscripts and visual aid request. Incumbent is responsible for preparation and accuracy of final camera ready copy of reports and illustrations. **Job Relevant Criteria:** Knowledge of English language, grammar, spelling and proof reading techniques; ability to prepare and lay out manuscripts and illustrations; ability to work accurately under pressure of deadlines; ability to communicate effectively; and skill on Xerox 8010/8085 preferred.

No. 32-253, Supervisory Interdisciplinary (Aerospace/Chemical/Mechanical Engineer), DP-830/861/893-3/4, Code 3274 -- Incumbent serves as head, Solid Propulsion Branch, Code 3274. Responsible for management, supervision and administration of branch involved in rocket motor design through performance demonstrations and full-scale qualifications. **Job Relevant Criteria:** Knowledge of rocket motor design and testing; ability to supervise; ability to communicate both orally and in writing; ability to support EEO goals and policies; ability to administer program planning, scheduling and expenditures. Promotion potential to DP-4 but not guaranteed if selection is made at the DP-3 level. Supervisory probationary period applies if not already completed.

No. 14-004, ADP Systems Acquisition Specialist, DS-301-1, Code 1442 -- Supports the development of specifications for the initiation of centerwide, centralized automatic data processing hardware and software maintenance contracts. The incumbent will provide day-to-day support for selected ADP support/maintenance contracts. **Job Relevant Criteria:** Knowledge of Federal Acquisition Process; ability to work with people, both civil service and contractor; familiarity with basic ADP technology and terminology. Promotion potential to DS-3. Previous applicants need not apply.

No. 35-012, Clerk-Typist, GS-322-3/4, Code 35025 -- This position provides clerical support to the Materials Acquisition Office in the Electronic Warfare Department.

Duties include typing stubs, filing and serving as receptionist for the Pre-Procurement Group. **Job Relevant Criteria:** Ability to communicate effectively and deal tactfully with all levels of personnel; ability to work under stress and meet deadlines; ability to organize and carry out a wide variety of duties; ability to work independently with attention to detail, skill in typing (accuracy more important than speed). Experience in using Apple Macintosh is desirable but not mandatory. Status eligibles may apply. Promotion potential GS-4.

No. 35-013, Supervisory Equipment Specialist, DS-1670-2/3, Code 35025 -- The incumbent is the supervisor of the department's Pre-Procurement Group and as such is responsible for pre-procurement procedures for all Code 35 purchase requests. Duties include vendor selection, review of procurement actions for completeness and accuracy, advising requestors on procurement requirements and procedures, interface with Code 25 buyers and contract specialists, assistance in preparing procurement documentation and placing orders with vendors. **Job Relevant Criteria:** Knowledge of NWC procurement procedures and Navy regulations; knowledge of equipment and electronics parts and the ordering process pertaining to specialized equipment; ability to analyze data and develop a method for estimating recurring material resource needs within the department; experience with Apple Macintosh computers desirable. (More than one vacancy may be filled with this ad.) Promotion potential DS-3.

No. 35-014, Supervisory Program Analyst, DA-345-2/3, Code 35025 -- The incumbent is the supervisor of the department's Pre-Procurement Group and as such is responsible for pre-procurement procedures for all Code 35 purchase requests. Duties include vendor selection, review of procurement actions for completeness and accuracy, advising requestors on procurement requirements and procedures, interface with Code 25 buyers and contract specialists, assistance in preparing procurement documentation and placing orders with vendors. **Job Relevant Criteria:** Knowledge of NWC procurement procedures and Navy regulations; knowledge of equipment and electronics parts and the ordering process pertaining to

specialized equipment; ability to analyze data and develop a method for estimating recurring material resource needs within the department; experience with Apple Macintosh computers desirable. (More than one vacancy may be filled with this ad.) Promotion potential DS-3.

No. 25-015, Procurement Clerk, GS-1106-4/5, Codes 25221, 25222, 25223, 25224, 25228, Multiple vacancies -- Incumbent is responsible for providing clerical support in the form of typing, filing, compiling data, maintaining logs and performing follow-up action on requisitions and purchase orders. Must interface with Center departments and vendors. Incumbent is responsible for maintaining proper contract file documents required as a result of follow-up actions. **Job Relevant Criteria:** Knowledge of procurement regulations; ability to work with automated management information systems; ability to communicate diplomatically with customers and vendors. Promotion potential to a GS-5, however, not guaranteed. Status eligibles may apply.

No. 38-006, Engineering Technician, DT-802-A/1, Code 3616 -- This position is located in the Advanced Optical Technology Branch of the Physics Division of the Research Department. This is a training position. The incumbent will be responsible for learning to fabricate, test and analyze optical components as well as metals. Techniques involved will include conventional grinding and polishing as well as computer controlled diamond single point machining and interferometry. The incumbent will be under the direct supervision of a senior optician and will receive his instructions both orally and in written form. **Job Relevant Criteria:** Knowledge of elementary physical, chemical and mechanical principles; ability to work as a member of a technical team; ability to communicate effectively both orally and in writing. Promotion potential to DT-3 but not guaranteed.

No. E87-10(TC), Purchasing Agent, GS1105-4/5, Navy Publications and Printing Service Detachment Branch Office, Code 8300 -- Responsible for the procurement of all supplies, materials, repair parts and services used by the Navy Publications and Printing Service Detachment Branch Office and Satellite Facilities. Prepared and places orders for the purchase of supplies and services under appropriate contracts, Blanket Purchase Agreements, or on the

open market. May issue open market purchase orders up to \$2,500. Initiates specifications and requisitions for supplies, services, equipment, etc., to be purchased when value of order exceeds incumbent's purchasing authority. Prepares specifications for items of material where there are no specifications or where Federal specifications are incomplete. Reviews all purchase documents to determine if subject items are available from federal contracts or Navy stock lists, and verifies authenticity. Establishes high and low limits on each class of stock and lead time for replenishment. **Qualifications:** Applicants for a GS-4 must have two years of general experience with six months at a level of difficulty comparable to the GS-3 level in Federal Service and a GS-5 must have two years of general experience and one year specialized experience of which must have been comparable to the next lower grade or two years of the required specialized experience comparable to the second lower grade. General experience is clerical, administrative, or technical experience which has demonstrated general knowledge of purchasing procedures, practices or regulations; or experience which has demonstrated ability to meet and deal with others. Specialized experience is experience which provided a knowledge of commercial sources of supply, e.g., retailers, dealers, distributors, wholesalers and manufacturers; and knowledge of comparative prices for a variety of goods and services. In addition, this experience must have provided knowledge of formal methods of procurement, such as formally advertised and negotiated contracts for goods and services. The candidate should be familiar with procedures incident to the award and signing of contracts (e.g., the development of invitations for bids and requests for proposals and quotations, analysis of proposals from the standpoint of price equity, recommendation for award). **Elements:** Knowledge of procurement regulations, procedures and policies, ability to analyze purchase problems and data and develop practical solutions, ability to establish priorities, ability to deal effectively with others, and ability to communicate orally and in writing.

Applications (SF-171) and Supplemental Qualification Statements can be picked up at the NPPSDBO, Building 1041 or Building 02466, Room 1350. Applications and supplements must be submitted to the Director, NPPSDBO, Building 02466, Room 3150.



AMERICAN HERITAGE WEEK

June 2 - 5

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. 62-031, Interdisciplinary (General/Mechanical/Electronics/Aerospace Engineer), DP-801/830/855/861-1/2, Code 6214 — This position is located in the Warhead Test Branch, Ordnance Test and Evaluation Division, Range Department. The work of the branch involves the static test and evaluation of warhead and explosives at multiple sites in Area R, Burro Canyon and CT-6. The primary effort of the incumbent is to plan, design and execute the full spectrum of a test. This will involve any or all of the following activities: coordination and planning meetings with pro-

ject personnel; definition of test techniques including cost and safety considerations; liaison with supporting disciplines such as optics, electronics and mechanics; scheduling; direction of personnel during tests; and documentation of test results. Secondary efforts involve adapting new technology in optics, mechanics, electronics and computers to improvements in test instrumentation, operating efficiency and facility design. Must take training leading to the position of Firing Officer for tests. Send an updated SF-171 to W. Ledden, NWC ext. 6365, Code 6214.

Secretarial opportunities

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

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

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

No. 62-030, Secretary (Typing), GS-318-5/6, Code 62C — Incumbent provides secretarial and administrative support to the head, Projects Office. Position involves considerable interaction with all levels of management and off-center officials. Knowledge of the Xerox 860 is desirable. Promotion potential to GS-7.

No. 32-256, Secretary (Typing), GS-318-4/5, Code 326B — Provides secretarial sup-

port to the Explosives Development Composite. Knowledge and working skill on a Xerox 640 is desirable. Status eligibles may apply.

No. 39-022, Secretary (Typing), GS-318-4/5, Code 3918 — This position provides secretarial support to the Weapons Department, Advanced Systems Branch. Promotion potential GS-5.

CCCC offers short-term course on WORDSTAR

Cerro Coso Community College is offering a short-term hands-on micro-computer course designed to provide a basic understanding of the word processing system "WORDSTAR." Document design, creation, revision, formatting, and printing will also be covered using WORDSTAR.

Jeannette Bournival will instruct this course on Monday, Wednesday and Friday mornings from 9 to 11:50 a.m. in the Computer Lab, Room 122 from June 8

through June 19.

Registration will be conducted on a first-come, first-served basis Monday through Thursday from 10 a.m. to 1 p.m. and 3 to 7 p.m. and on Fridays from 10 a.m. to 1 p.m. and 3 to 4 p.m. in the Office of Admissions and Records.

A fee of \$5 per unit to 5 units or a flat fee of \$50 for 6 or more units will be required at the time of registration.

For more information about this class, or any spring intra-session courses, call the college at 375-5001.

Recent arrivals and departures Civil Service

Arrivals		
Name	Code	Title
Randall L. Courts	0852	Laborer
Gale G. Poppen	08A	Financial Manager
Randal L. Study	24213	Firefighter
Michael H. Hahn	2431	Security Specialist
Utscher Moschkin	2524	Contract Specialist
Annette E. Warren	2524	Clerk-Typist
Stanford S. Foster, Sr.	26423	Industrial Equipment Mechanic
Sluis Rolland Vander	2693	Cartographic Aid
Marty D. Chilton	3145	Electronics Technician
Marc E. Cope	3335	Electronics Engineer
Auburn Donna Smiley	3335	Clerk-Typist
Robert J. Mount	3512	Electronics Engineer
John T. Basken	3554	Physicist
Dale T. Hamilton	36261	Mechanical Engineer
Richard E. Schiefen	3944	Mechanical Engineer
George J. Wiederhold	61311	Electronics Technician
Corey P. Wincen	61312	Electronics Technician
Darrell D. Blevins	61322	Sheetmetal Mechanic (Helper)
Lyle L. Lough	6255	Physicist
Departures		
Elizabeth Z. Canipe	08612	Accounting Technician
Robert G. Graham	1442	ADP Systems Acquisition Spec.
Daniel M. Morris	26416	Laborer
Daniel R. McGauley	31904	Computer Scientist
Patricia S. Leveque	3411	Writer/Editor (Printed Media)
Michael S. Jackson	3643	Machine Parts Inspector
Kris D. Meraz	36811	Student Volunteer
William L. Stohl	36833	Engineering Technician

Welcome aboard

All personnel are invited to attend the next Welcome Aboard scheduled for May 26 at 5:30 p.m. at the Commissioned Officers' Mess. New Junior Professionals and military offices being welcomed include:

Joey Aguilar
John L. Boberg
Que T. Bui
Jay D. Butterworth
Adrian Caballero
Yung Chhan
Chung Sok Chon
Aaron L. Clement
Marc Cope
Phuong Robert Do
Kenneth Dorrell
Kevin Higa
Larry Jones
James Kim
John K. Manion
Darin Martin
Richard Marvin
James McKnight
Steven Meyer
Michael Morris
Philip Neiburh
Richard Newby
Albert Ogloza
Nolan Paulsen
David Pendleton
Steven Pool
Roxanne Quintana
Jesus Rodriguez
John Stukbauer
Son Ngoc Tran
Michael Wirtz
Ryan Yang

LCDR Steven Goad
LCDR. M. Guttenberger
Lt. C. Everett
Lt. William Martin
Lt. Anthony Rizzo
Lt. Michael Burr
Lt. Patrick Mendenhall
Lt. Joseph Weston
Lt. Richard Dolan
Lt. Philip Daniels
Lt. Philip Miller
Cdr. Kenneth Galer
LCDR. Douglas Henry
LCDR. David Granger
LCDR. Walter Gromada
LCDR. Michael Behr
LCDR. Richard Martin
Lt. Jerry Budnick
Lt. Mark Davison
Lt. Christopher Fedyschyn
Lt. Honor Fulk
Lt. George Meyer
Lt. Dennis Sparks
Lt. Stanley Clark
Lt. Brian Lewis
Lt. Steven Moll
LTJG. Paul Gross
ENS. Lynn Aokamoto
Lt. David Thomas
CWO4 Michael Cordoza
Lt. Paul Reagan
Lt. Robert Trafeli
FLTLT. Darcy Brooker

A donation of \$4 is requested of attendees other than those being welcomed.

Cal-State Bakersfield counselors to be on board

Academic counselors of Cal-State Bakersfield will be on-Center Tuesday, June 9, to advise current and prospective students in the external degree programs offered by that school.

External degree programs offered at NWC by Bakersfield include a bachelor's degree in business administration and a

master's degree in administration. Bakersfield also provides math courses in other external degree programs at NWC.

Those who wish to see one of the academic counselors are asked to make an appointment by telephoning Cyndi Jones at NWC ext. 2648.

Women should know about social security

Although gender distinctions have been virtually eliminated from the Social Security law, there are still some rules that women need to be especially aware of in order to protect their rights under Social Security as workers, widows, mothers, and spouses.

Social Security provides benefits to the spouse and children of a retired, disabled, or deceased worker. The annual earnings test in the law limits the amount of earnings a person can have and still receive Social Security benefits. Since more men, with generally higher earnings, are excluded from benefits by the earnings test than women, there are many more wives, mothers, and widows on the Social Security rolls than there are husbands, fathers, and widowers.

This situation is slowly changing. Recent studies show that about 60 percent of married women who retire are insured for benefits as workers in their own right. Thirty years ago, most women were eligible to receive benefits only as dependents on their spouses' accounts.

As a worker, a woman may become eligible for retirement benefits at age 62. If she stops work before she earns enough Social Security credits, no benefits will be payable on her own Social Security record. However, the credits she earns stay on her record so she can always go back to work and accumulate the necessary credits for benefits. The amount of credit she needs for disability benefits ranges from at least five out of the last 10 years at age 31 and older, down to as little as one and a half years during the last three years if disabled before age 24. She will need credit for at least 10 years of work for retirement benefits if she reaches 62 after 1990 -- somewhat less if she reaches 62 before then.

A wife can receive a benefit at any age if she is caring for the worker's child who is under 16 or disabled and entitled to benefits. Otherwise, she may receive benefits at age 62 when her husband retires or becomes disabled. A wife's benefit amounts to 50 percent of the worker's benefit if she gets benefits at 65, less if she gets benefits earlier.

A widow can get a widow's benefit at any age if she is caring for the worker's child who is under 16, or disabled and entitled to benefits. Otherwise, she can receive a widow's benefit at age 60. Widow's benefits range from 71 1/2 percent of the deceased hus-

band's benefit amount if started at age 60, to 100 percent if they begin at age 65. If she becomes disabled, she can get widow's benefits as early as 50 (71 1/2 percent of the deceased worker's benefit).

Ordinarily a widow loses her Social Security rights when she remarries. But, benefits may continue without reduction for a widow who remarries after age 60, or a disabled widow who remarries after age 50.

A divorcee is entitled to the same benefits she would be entitled to as a wife or widow if the marriage lasted 10 years or more immediately prior to her divorce from the worker. This is true even if the worker has remarried. However, she may lose those rights if she remarries.

She can receive benefits when her ex-husband starts collecting retirement or disability payments if she is (1) unmarried, (2) 62 or older, (3) not entitled to a retirement or disability benefit based on her own earnings which equals or exceeds one-half of the worker's full amount, and (4) was married to her ex-husband at least 10 years. Even if her ex-husband is not actually receiving benefits, she can get retirement payments at age 62 provided her ex-husband is eligible for benefits and she has been divorced from the worker for at least two years.

A woman should also be familiar with the government pension offset if she gets a pension based on work in public employment not covered by Social Security and expects to get a Social Security benefit as the wife or widow of a worker covered by Social Security. The Social Security benefit payable may be reduced. There are a number of exceptions to this rule, and a woman can get more information if she applies. The leaflet, *Government Pension Offset-How It May Affect You*, is available at the Ridgecrest Social Security Office.

The pamphlet, *A Woman's Guide To Social Security*, contains more information of interest to women. It is available at the Ridgecrest Social Security Office.

Again, all of the above rules are the same for men as workers, spouses, widowers, and divorced husbands. For more information, contact the Ridgecrest Social Security Office, (619) 446-2050.



This Question and Answer column will be published, as needed, to answer questions you may have about FERS. Questions should be submitted, in writing, to Code 091.

HOW IMPORTANT IS IT FOR ME AS A FERS EMPLOYEE TO ENROLL IN THE THRIFT SAVINGS PLAN (TSP)?

The Thrift Savings Plan is one of the three parts of FERS. For employees covered by FERS the savings accumulated through the Thrift Savings Plan makes an important addition to the retirement benefits provided by Social Security and the FERS Basic Annuity. The goal of the TSP is to provide you with a save, convenient way to save for additional retirement security. If you do not contribute to the TSP, at retirement your benefits would be Social Security, basic annuity (1% of high-3 salary x number of years of service) and the benefits on the automatic 1% of salary deposited in your thrift savings account by the government. If you intend to stay with the federal government until retirement, it is important that you contribute as much as possible to the TSP to build up your annuity.

WHAT ARE SOME OF THE ADVANTAGES AND DISADVANTAGES OF

FERS?

Some important advantages of FERS are:

1. FERS is flexible -- it lets you retire with a reduced benefit with 10 years of service at your minimum retirement age.
 2. You can decide how much to contribute to the plan to tailor your retirement benefits.
 3. FERS is largely portable, so you don't lose most of your earned retirement benefits by leaving the Government's employment.
- Some important disadvantages of FERS are:
1. To get the most out of FERS, you have to pay more than the basic 7% contribution.
 2. The FERS benefit formula is slightly less generous than the CSRS formula.
 3. If you keep working after retirement from the Government, your Special Retirement Supplement and Social Security could be reduced.
 4. FERS COLA's do not fully match inflation like those under CSRS and no COLA's until age 62.



Personnel Development Opportunities

SPECIAL SESSION FOR SECNAVINST 5216.5C

June 18; Thursday; 0900-1100; Training Center. By Odessa Newman, Code 0821.

Scope: This is a 2-hour session to answer special questions about the use of SECNAVINST 5216.5C, Department of the Navy Correspondence Manual. The session will be open to technical writers, secretaries, and other clerical personnel and will be conducted on a drop-in basis with no paperwork required.

BASIC NAVAL CORRESPONDENCE

July 9; Thursday; 0800-1600; Training Center. By Odessa Newman.

Intended Audience: For typists new to the Navy; however, the course will provide a good review for anyone who types naval correspondence.

Scope: Focuses on the policies and procedures for typing naval letters and memorandums. The course also highlights Chapter 1 (Naval Writing Standards) to the Department of the Navy Correspondence Manual. Please bring a Correspondence Manual if you have one.

Deadline: June 24.

SYSTEMS ENGINEERING

August 11-13; Tuesday-Thursday; 0800-1600; Training Center. By Robert Barsaloux.

Prerequisite: A baccalaureate degree in some scientific or engineering field is preferred, along with some government and/or industrial experience associated with system projects (or equivalent).

Scope: This course provides an overview to the systems engineering process of acquiring, creating, and managing complex new systems; the integration of key design disciplines (reliability, maintainability, human factors, logistics engineering); and the tools and techniques used in system analysis. To illustrate the tools and techniques presented, you will perform an exercise designed to involve you in the systems engineering development process.

Topics include an introduction to system engineering; the elements of system engineering; the system engineering process (requirements definition, and trade-off studies; detail design; and test and evaluation); system effectiveness factors; the integration of the many design disciplines inherent in the process; and system engineering management requirements. The aspect of system analysis includes the System Engineering Management Plan (SEMP), the Work Breakdown Structure (WBS), reviews, test and evaluation, deliverables and reporting, risk assessments and trade-offs, and problem resolution.

Deadline: July 20.

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