

### Rock 'n Roll music program slated at Joshua Hall Saturday

Four solid hours of rock 'n roll music is on tap tomorrow night from 7 to 11 at Joshua Hall on the Desert Empire Fairgrounds in Ridgecrest.

Top attractions at this event will be two well-known local musical groups. They are Ron Thompson and the King Max band, as well as Jimmy "Nutman" de Santo, lead guitarist and blues player, who will be joined by Jim Badalich on the bass and Danny Miller, drummer.

Thompson, who plays bass for the King Max band, is joined by Mike and David Schad, brothers who alternate as lead and rhythm guitarists; Gary Olinger, on the drums, and Don Kumpferman at the piano or organ keyboard.

Thompson, spokesman for the High Desert Concert Association, the organization responsible for arranging Saturday night's rock 'n roll extravaganza, is expecting this to be the largest such musical program to be staged here. In addition to the two local music groups that will play, two other less well-known combos are slated to appear.

Tickets are priced at \$3 per person at the door, or can be obtained in advance for \$2.50 each from the following business places in Ridgecrest: Town and Country, Music Man, Flower Shop, Waterbed Kingdom, Ship's Bell Jewelers and the Male Box.

Depending upon the success of this venture, the High Desert Concert Association has plans for similar music and dance programs in the near future, Thompson said.



**EMOTIONAL MOMENT** — The final two performances of the China Lake Players' production of "Arsenic and Old Lace" are scheduled for 8:15 tonight and tomorrow night at the group's hut on McIntire St. Tickets, which are priced at \$2.50 for adults and \$1.50 for students through 21 years of age, military personnel and children, can be reserved by calling Rozalie Barber at 375-9470. Those tickets not claimed by 8:05 on the night of the performance will be sold at the door. In the photo, Mortimer Brewster (portrayed by John Clark) is tormented by his inability to share his problems concerning a murderous duo of aunts with his fiancée, Elaine (Deanna Lotee). —Photo by Stan Sanders

### Collection of ancient weapons on display at Maturango Museum

A collection of ancient weapons is now on exhibit at the Maturango Museum. It may be seen on Saturdays and Sundays from 2 to 5 p.m. Named atlatis by the Aztecs, these weapons were invented more than 10,000

years ago. After the use of very simple stones and clubs, man learned to chip sharp points, attach the points to shafts and use them as spears. Some primitive genius then invented a short, wooden device which extended the length of man's throwing arm when the spear was notched into its outer end.

This was the atlatl, which was used for over 10,000 years on all continents. It gave a spear thrower greater distance and more striking power.

Kenneth Robinson, director of the Maturango Museum, reports that the exhibit contains eight atlatis — four on loan from the Smithsonian Institute in Washington, D.C., and four on loan from the Los Angeles Museum of Natural History. Two are from Alaska, two from Mexico, three from Australia and one, complete with spear, is from New Guinea. In Australia, the throwing stock is called a wommara.

Atlatis are of great local interest because this area's large collection of petroglyphs has many examples of them carved on the rocks. The number of atlatl drawings that have been located are 261 in Little Petroglyph Canyon, 21 in Big Petroglyph Canyon, and 28 in Sheep Canyon.

No wooden atlatis have been found in this area, but several have been recovered in dry caves in Arizona, New Mexico and Colorado.

The bow and arrow were introduced to this area from Asia sometime between 200 B.C. and 200 A.D. The bow soon replaced the atlatl in all hunting. These atlatl and the later bow and arrow petroglyphs help establish the age of the rock drawings in the Naval Weapons Center range area.

The atlatl display is located in a large glass case in the room where 20th century weapons of NWC are shown.

### Musical duo to play at college coffeehouse

Hunt and Peck, a San Diego-based musical duo, will perform tonight and tomorrow night at the opening of the fourth season of the Mind Shaft coffeehouse at Cerro Coso College.

The coffeehouse will open at 8:30 each evening, and the show will be held from 9 until 11 o'clock. Tickets, priced at \$1.50 and \$1.25, will be sold at the door prior to the performances. The public is invited to attend.

The group's members, Gregory Hunt and E. Howard Peck, perform on the guitar, fiddle, mandolin and banjo and their music is mixed with jokes and fiddle imitations of familiar sounds.

## SHOWBOAT

**MOVIE RATINGS**  
The objective of the ratings is to inform parents about the suitability of movie content for viewing by their children.

- (G) - ALL AGES ADMITTED  
General Audiences
- (PG) - ALL AGES ADMITTED  
Parental Guidance Suggested
- (R) - RESTRICTED  
Under 17 requires accompanying Parent or Adult Guardian
- CS - Cinemascope
- STD - Standard Movie Screen
- Regular starting time—7:30 p.m.

Program subject to change without notice — please check marquee.

FRI. 27 AUGUST

**"THE CREEPING FLESH"** (119 Min.)  
Peter Cushing, Christopher Lee  
(Horror Drama) In the late 19th Century, a scientist searches for a medicine to cure evil. In his drive to perfect a serum, he creates a blood-thirsty monster. (PG)

SAT. 28 AUGUST

**"THE PREMONITION"** (94 Min.)  
Jeff Carey, Richard Lynch  
(Suspense Drama) When their 5-year-old adopted daughter disappears, Sheri and Miles Bennett are compelled to search within themselves for answers. Parapsychologist Dr. Jenna Kingsley guides the Bennetts through an eerie, frightening maze of dream therapy and communication with the dead. (PG)

SUN. 29 AUGUST

**"LIPSTICK"** (89 Min.)  
Margaux Hemingway, Chris Sarandon  
(Drama) This film centers around a young fashion model (Margaux) who is raped, sees her attacker vindicated by a jury and finally takes revenge into her own hands. This film builds with action and suspense, as the smooth villain goes his merry way doing as he pleases until he is finally confronted by his avenger. (May be objectionable to some because of an explicit rape sequence.) (R)

MON. 30 AUGUST

**"TROUBLE MAN"** (99 Min.)  
Robert Hooks, Paul Winfield  
(Action Drama) The super-cool Mr. T. is hired by two gambling kingpins to discover who is behind the raids on their dice games. When a rival gang leader is murdered, Mr. T. realized he is being used as a fall guy in a scheme to get rid of the competition. (R)

TUE. 31 AUGUST

**"W. C. FIELDS AND ME"** (112 Min.)  
Rod Steiger, Valerie Perrine  
(Biographical Drama) W. C. Fields' life was a combination of unfaithful women, bad business ventures and plenty of liquor. He rose from a juggler in a traveling circus, to appearing in the Ziegfeld Follies—finally breaking into the movies by signing up with Paramount Studios. Valerie Perrine plays the beautiful Carlotta Monti, a young woman who desperately wants to prove herself as a capable actress. Believing that she'd be helped by Fields with her career, she maintains a relationship with him as a secretary, cook and eventually his friend and lover. (PG)

WED. 1 SEPT.

**"ROSEBUD"** (126 Min.)  
Peter O'Toole, Richard Attenborough  
(Drama) When five heiresses, each from a different country, are kidnapped off the yacht Rosebud by Palestinian terrorists and held as political hostages in a Corsican hideout, an American CIA man and an Israeli agent join forces to investigate. (PG)

THURS. 2 SEPT.

**"MAN FRIDAY"** (103 Min.)  
Peter O'Toole, Richard Roundtree  
(Adventure Drama) "Man Friday" adheres only in part to the original Daniel Defoe classic, "Robinson Crusoe." It is rather a character study emerging from the relationship of two conflicting personalities. In this film, O'Toole is a pitiful creature sick with fear, the self-appointed god of a white master race, and loveless. His servant Friday is the savage whose sensitivity and awareness trigger a reversal of roles. (PG)

FRI. 3 SEPT.

**"VAMPIRE CIRCUS"** (91 Min.)  
Laurence Payne, Adrian Corri  
(Horror) In an isolated Serbian village in the 19th Century, a plague grips the town as a result of a dying vampire's curse. (PG)

U.S. Government Printing Office.  
1976 — 442 / N0410

From: \_\_\_\_\_

To: \_\_\_\_\_

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## Organizational realignment announced by Center Commander

An organizational realignment of the Naval Weapons Center has been announced by Rear Admiral R. G. Freeman III, NWC Commander. Its purpose is to prepare for the proposed transfer of Naval Air Systems Command missile program managers to NWC.

Among the purposes of such a move are (1) to provide for consolidated management and singular accountability in the Center's test and evaluation operations, (2) to provide for integrated management of the Center's research, development, and engineering departments, and (3) to increase the responsibility, authority and accountability of the technical officers.

Major changes set forth in the revised organizational realignment are the creation of a Project Management Office (PMO), the establishment of a Test and Evaluation

(T&E) Directorate, the creation of a Laboratory Directorate, and the designation of the collective support departments at NWC as the Support Directorate.

Approval of the revised NWC organizational structure by the Chief of Naval Material and the Chief of Naval Operations has been requested effective Oct. 1, 1976 (the beginning of Fiscal Year 1977) in order to reduce administrative burdens associated with organizational change. Expeditious action also is desired in order to minimize disruption and to allow for the redistribution of manpower resources as soon as possible.

Pending higher authority approval, the revised organization and personnel appointments became effective (for management purposes) this past Monday.

While the change was effective for management purposes on Aug. 23, the organization code numbers and accounting shop numbers will not be revised until Oct. 1, 1976.

The Project Management Office (PMO) is to be led by a senior Naval officer as director, with a senior civilian engineer as his deputy director. The director position will be filled from outside NWC's current officer complement, while Frank Knemeyer, head of the Systems Acquisition Office, is slated to fill the deputy director position.

The creation of a PMO, reporting directly to the NWC Commander, will provide policy and program guidance to the former NAVAIRSYSCOM Missile Program Offices that will be located within the PMO. The director of the PMO will be the principal

advisor to the NWC Commander on matters of broad policy affecting the direction and management of projects and programs. In addition, he will provide guidance to project managers in the formulation of development, production, and supporting plans, and will review and approve such plans.

The Project Management Office also will define, maintain and oversee a cycle of management and technical reviews for each program and will establish policies and standards for satisfying review point requirements.

The functions of the PMO and its Missile Program Offices will be purely management in nature. Technical and administrative support will be provided by the Center's Laboratory, Test and Evaluation, and Support Directorates and (Continued on Page 4)



Naval Weapons Center  
China Lake  
California

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### INSIDE . . .

- Six Receive Master's Degrees . . . . . 3
- New Organizational Chart . . . . . 4
- Cong. Ketchum To Present Talk . . . . . 5
- Sports . . . . . 6
- Work Experience Program Open . . . . . 7
- Ancient Weapons on Display . . . . . 8

### Contracts let for construction work on Center

A dozen construction-type contracts totalling \$1,108,000 were awarded at the close of the 1976-77 Fiscal Year for a wide variety of work that is either already under way or will be starting soon on the Naval Weapons Center.

According to Lt. J. A. Roberts, head of the Contracts Division in the NWC public Works Department, the largest single contract went to the Desert Construction Co. of Victorville for repairs to streets and parking lots in the industrial areas of the Center. This work, which will cost \$228,000, is scheduled to begin within the next month and be completed in December.

Three other contracts for other paving work, or the rejuvenation of existing street pavement, also were included among the most recent construction contracts to be awarded.

Already under way and approximately 15 per cent complete is work being done by the Asphalt Construction Co. of Lancaster that calls for improvement to the paved areas around the Bachelor Enlisted Quarters, the Navy Exchange and its Annex, and to some roads in this range area. Slated for completion in November, this work is being done at a cost of \$87,000.

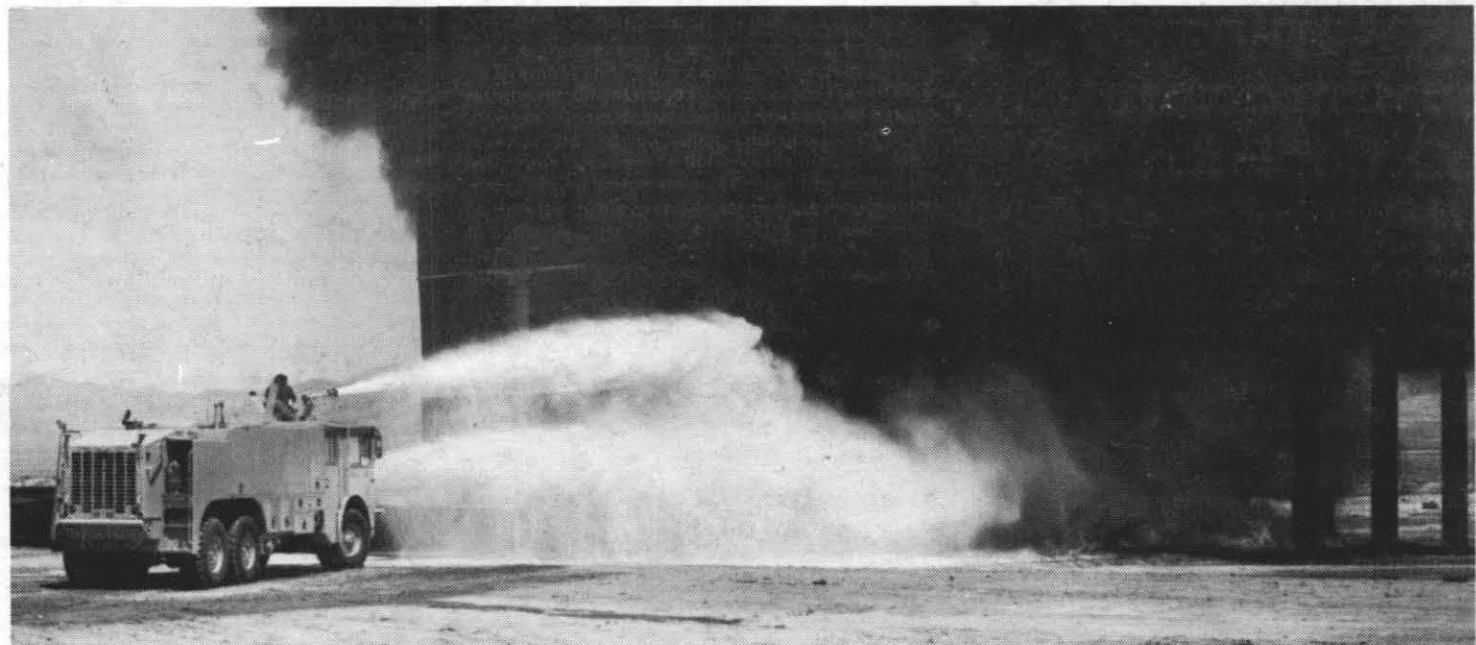
**Paving Work at NAF**  
A similar contract for repair to the paving and concrete joints on the aircraft parking apron at the Naval Air Facility has been awarded to the CCS Contracting Co. of Sun Valley. Cost of this work, which is expected to be completed in November, is \$59,000.

The Public Works Department Contract Division, which is the local representative of the Western Division of the Naval Facilities Engineering Command, also awarded a contract for street pavement rejuvenation work to the Crown Asphalt Coating firm of San Dimas. Employees of this company have started this work and will be finishing it sometime in September. Their task is to apply a coating of reamantite to increase the life of pavement on a number of roads in the range areas, as well as a few in the housing area. Cost of this work is \$25,000.

The variety of other work to be performed includes exterior painting of buildings and homes, roof repairs, building alterations, and some electric power cable installation.

Mantikas and Clarke, a painting contractor from San Pedro, landed a \$108,000 contract for the exterior painting of homes

(Continued on Page 7)



**NEW AIRCRAFT FIRE TRUCK DEMONSTRATED** — The first production model of a new aircraft fire fighting and rescue truck (the "P-4A") has been the focus of attention of Navy and Marine Corps crash truck crews who have come here this week from all parts of the U. S. and some overseas installations to learn about its operation and observe its effectiveness. In the above photo, Maj. Peter B. Southmayd, from Marine Corps Headquarters, is the man on the roof turret. The Naval Weapons Center was involved in work that was done on developing the new turret gun and the P-4A's remotely-controlled bumper turret.

### Effectiveness of aircraft fire fighting truck demonstrated in tests held here

A week of orientation meetings, discussions and practical demonstrations on the use of the Navy's newest aircraft fire fighting and rescue truck called the "P-4A" ended here today for more than 90 representatives from Navy and Marine Corps air facilities throughout the United States and a number of overseas installations.

Included among the visitors were Robert L. Darwin, acting administrator of the Naval Material Command's Fire Fighting Administration; Richard E. Rightmer, who was the fire chief at China Lake before he assumed his present position in Washington as the Naval Facilities Engineering Command's senior fire fighting expert, and the Navy's six area fire marshals, who report to Rightmer.

William R. Knight, head of the Safety and Security Department's Fire Division, was the test director, while the logistics and preparations for the fires that were set using contaminated jet aircraft fuel were handled by William Pahl, assistant fire chief.

This has been primarily a hands-on orientation and training session for the benefit of fire chiefs and others whose task it will be to train their own personnel in the use of the P-4A.

The Navy has purchased 42 of these new aircraft fire fighting and rescue trucks and the Marine Corps will receive nine of these

### Word received about death of Dr. McLean

Word was received yesterday morning from San Diego that Dr. William B. McLean, 62, former Technical Director at the Naval Ordnance Test Station, China Lake, died in his sleep at about 7 p.m. on Wednesday, Aug. 25.

Information from the Naval Undersea Center, where Dr. McLean had served as Technical Director from 1967 until his retirement last year, is that there will be no funeral service for Dr. McLean, who is famous for his research that led to the development of the Sidewinder guided missile.

At this time, there are plans for a memorial service for him that will be held sometime toward the end of September. Individuals desiring to do so may contribute to the William B. McLean Memorial Fund in care of the Westminster Presbyterian Church, 3598 Talbot St., San Diego, CA 92106.

machines which incorporate the latest state of the art features in airfield fire fighting apparatus.

The P-4A is a significantly different piece of fire fighting equipment, Fire Chief Knight explained. It not only has a tank capacity of 1,500 gallons of fire fighting agent (a 50 per cent increase over the 1,000 gallon maximum that other Navy aircraft fire fighting apparatus can carry), but it can be hooked up to a fire hydrant, thus giving it the capability of providing pumping support for fighting a structural fire — something no other Navy crash trucks are able to do.

In addition, the P-4A has a non-aspirating delivery system that makes it possible for the first time to dispense the fire fighting agent in a large adjustable fog pattern that can knock down fires more rapidly.

The P-4A's high flow roof turret can pour 800 gallons per minute of a fire fighting agent onto a blazing aircraft. It also has a remote-control bumper turret with a 300 gallon-per-minute capacity that can be operated from inside the cab by either the driver or another fire fighter.

In typical test fires that were set by igniting 700 to 1,000 gallons of jet fuel that was used to deluge the mock-up of a C-5

(Continued on Page 3)



**POPULAR EVENT** — More than 300 persons attended last Saturday evening's annual luau held at the Chief Petty Officers' Club. The evening's entertainment featured "Portia Hewitt and her fantastic island troupe." Pictured above are three girls performing a traditional Polynesian dance, while below, a fire dancer amazes spectators with his pyrotechnic routine. According to George Bernard, CPO Club manager, "This year's luau was the biggest and best we've ever had. I want to extend special thanks to Vince Villa, who was in charge of food preparations, and to the many volunteers who also helped with the night's repast." —Photos by Ron Allen



### Inkspots booked at COM

Reservations are now being accepted for the Sept. 25 appearance of the George Holmes Inkspots at the Commissioned Officers' Mess.

Cover charge for the performance, which will be held from 9 until 1 a.m., is \$2.50 per person. Reservations can be placed by calling 446-2549.

Holmes was a member of the original Inkspots, the well-known singers from whom his present group takes its name. Composed of four male and one female performers, they are based in Las Vegas.





PATENTS AWARDED IN CODE 35 — Jack Russell (at left), head of the Electronic Warfare Department, congratulates Joseph A. Mosko for an additional patent award Mosko received for helping to develop a "Wideband, Matched Three Port Power Divider." Other Code 35 employees looking on who also garnered patent awards are (l.-r.) Alan G. Kirk, Kenneth O. Bryant, Thomas Westaway and Robert Corzine. The latter shared in the additional patent award with Mosko. Kirk received an initial patent award for a "Hologram Diffraction Efficiency Measuring Apparatus," while Bryant and Westaway combined their skills to develop an "I-Band Antenna and Scan Feed Assembly" for which they received both a patent and an initial patent award.

### Senate, House pass \$104 billion FY 1977 DoD appropriations bill

The Senate has passed a \$104 billion Fiscal Year 77 Department of Defense appropriations bill. The measure, which included \$36 billion for the Navy and Marine Corps, was passed earlier this summer by the House of Representatives.

Average manpower strengths of 531,626 for the Navy and 192,000 for the Marine Corps were authorized — a reduction from the President's budget request for 535,717 and 196,332, respectively. Additionally, an average strength of 96,500 was approved for the Naval Reserve and 33,498 for the Marine Corps Reserve.

Although appropriated fund support for Commissaries was continued for FY77, the Senate added an amendment calling for the phase-out of Commissary Store subsidies over a six-year period.

The Senate funded nearly \$3 billion in aircraft procurement, \$2 billion in weapons procurement and \$3.7 billion for research, development, test and evaluation programs. Among the specific programs approved were procurement of six A-6E and six US-3A aircraft, the Trident program, initial development of the Seafarer Extremely Low Frequency Communication System and engineering work on the Phoenix missile system. The Senate recommended continuation of the Condor missile program (which the House had voted to terminate).

In shipbuilding, \$6.2 billion was approved for construction of a Trident submarine, three Los Angeles-class submarines, eight guided missile frigates, one Fleet oler, one destroyer tender and one submarine tender. Additionally, funding was approved for conversion of the guided missile cruiser

Long Beach (CGN-9) and Belknap (CG-26) and long lead procurement for a fourth Nimitz-class aircraft carrier.

The Senate restored funding for the continuation of service academy preparatory schools and added a provision calling for the realignment of Naval Districts from the present ten to six.

Since the Senate Bill is \$1.4 billion below the House measure, a joint House/Senate Conference Committee will meet in the near future to work out a compromise appropriations bill.

### Community college district trustees ok budget for 1976-77

A final budget of \$22,802,769 was adopted by the Kern Community College District board of trustees for 1976-77 reflecting a 2.4 per cent increase over last year's expenditures.

District Chancellor Edward Simonsen said that the proposals cover educational operations for an estimated 13,461 units of average daily attendance (ADA) at Bakersfield College, Porterville College, Cerro Coso Community College in Ridgecrest, and the Delano Center. The required tax rate is estimated at 75 cents per \$100 of assessed valuation.

The budget includes a reserve for contingencies of \$688,054 and a general reserve of \$75,000. Simonsen pointed out that the major change is that the anticipated additional income of \$551,000 from Senate Bill 1641 has been reduced to \$193,465 which has been placed in the appropriation for contingencies.

### Promotional opportunities

Unless otherwise specified in the ad, applications for positions listed in this column will be accepted from current NWC employees and should be filed with the person named in the ad. All others desiring employment with the Naval Weapons Center may contact the Employment-Wage and Classification Division, Code 452, Ext. 2069. Ads will run for one week and will close at 4:30 p.m. on the Friday following their appearance in this column, unless a later date is specified in the ad. Employees whose work history has not been brought up to date within the last six months are encouraged to file a Form 171 or 172 in their personnel jacket. Information concerning the Merit Promotion Program and the evaluation methods used in these promotional opportunities may be obtained from your Personnel Management Advisor (Code 454 or 457). Advertising positions in the Promotional Opportunities column does not preclude the use of alternate recruiting sources in filling these positions. As part of the rating process, a supervisory appraisal will be sent to the current supervisor and the most recent previous supervisor of those applicants rated as basically qualified. The Naval Weapons Center is an equal opportunity employer and selection shall be made without discrimination for any nonmerit reason. The minimum qualification requirements for all GS positions are defined in CSC Handbook X-118, while those for all WG, WL, and WS positions are defined in CSC Handbook X-116C.

**Test Mechanic (Experimental Electric Equipment), WG-2881-11, JD No. 131, Code 3722** — This position is located in the Track Operations Branch, Range Operations Division, Test and Evaluation Department. The incumbent constructs components for the SNORT Programmer and sets up, operates and installs electrical fire control equipment, programming systems, aircraft escape systems for ordnance operation of ejection mechanisms, ripple firing systems, and other related equipment and systems for experimental, scientific or engineering tests on the track ranges. Job Relevant Criteria: Ability to do the work of the position without more than normal supervision, knowledge of electrical circuitry, ability to use electrical drawings and to plan, lay out and set up work.

File applications for the above with Carol Downard, Bldg. 34, Rm. 204, Ph. 2977.

**Electronic Technician, GS-454-5/4/7, PD No. 745097, Code 5515** — This position is located in the Electronics Branch, Engineering Services Division, Engineering Department. The branch has Center responsibility for microelectronics development, design assistance incorporating microelectronics circuitry, and prototype fabrication for microelectronic circuits and components. Incumbent assists senior level technicians and engineers in the development, packaging and testing of microelectronic circuitry/components. Job Relevant Criteria: Ability to work with microelectronic circuitry/components where extremely close tolerances are required and to deal effectively with technical and scientific personnel. Promotion Potential: GS-11.

**General Engineer/Mechanical Engineer/ Electronics Engineer, GS-401-839-855/11/12, PD No. 745097, Code 55301** — Position is located in the Sparrow Program Office, Product Design Division, Engineering Department. Incumbent serves as an assistant to the program manager for the Sparrow AIM-7F missile program and has the responsibility for evaluating existing designs and proposed engineering changes to the existing designs to achieve high reliability, maintainability and economical production; maintains close liaison with contractors and is required to provide manufacturers with specific guides for the manufacture of effective, reliable and economical guidance and control units. Job Relevant Criteria: Knowledge of electronics dealing with guidance and control units of missile systems; knowledge of production methods; experience with flight tests and environmental test programs; and the ability to deal effectively with contractor personnel.

**Electronics Engineer, GS-855-11/12, PD No. 745132E, Code 5522** — This position is located in the Systems Electronics Branch, Engineering Design Division, Engineering Department. Incumbent functions as an electronic design and development engineer and as a project engineer. Duties include providing production support for the AIM-9L System; providing contract liaison for production problems on the AIM-9L guidance section in the electronics area; providing support to contractors in the production and test of AIM-9L guidance section electronics; and performing circuit analysis. Job Relevant Criteria: Familiarity with air-launched weapons guidance systems and the ability to perform circuit analysis for analog circuits and to function effectively in close association with other engineers and technicians.

File applications for the above with Janet Thomas, Bldg. 34, Rm. 204, Ph. 2925.

**Mathematician, Physicist, General Engineer, or Computer Specialist, GS-1520-1310-801-334-9/11/12, PD No. 7440096, Code 4032** — This position is located in the Computer Services Branch of the Systems Development Department. The incumbent provides computer systems analysis, programming, documentation, instruction and consulting services for users of the UNIVAC 1110 Central Computing Facility. Job Relevant Criteria: Knowledge of FORTRAN, ASSEMBLY, EXEC-8 Control Language and Communications Handlers and the ability to implement and maintain such software. Previous applicants will be considered and need not reapply.

File applications for the above with Charlotte Siewicki, Bldg. 34, Rm. 204, Ph. 2978.

**Supervisory Interdisciplinary Engineer, GS-800-12/13, PD No. 7431317 or PD No. 7431317Am1, Code 35041** — This position may be classified in any of the following options dependent upon the qualifications of the selectee: electrical/electronics engineer, mechanical engineer, or aerospace engineer. This position is located in the HARM Program Office of the Electronic Warfare Department. The incumbent is the program planning and control manager. He assists the program manager in the guidance, direction, controlling and management of the HARM Weapon System development. The incumbent is also responsible for program administration which involves management control and financial control systems for both the in-house program and for contractors. The incumbent provides inputs and directions to the HARM advanced procurement plans (APP), technical development plan (TDP), development concept plan (DCP), source selection plans, and other management documents. The incumbent spends considerable time in effort in liaison work with the Naval Air Systems Command, other Naval activities, Departmental Defense components, the Weapons System Integration Contractor, and associate contractors for the purpose of coordination, direction and guidance. The incumbent is responsible for both short- and long-range planning, planning and analysis in the areas of design-to-cost, work breakdown structure, procurement management and cost studies. Job Relevant Criteria: The incumbent must have knowledge of the technical and administrative aspects of managing a development program; must have experience in close

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**ON BOARD 30 YEARS** — A 30-year Naval Weapons Center pin was presented recently to Nathaniel C. Cornett by Dr. M. M. Rogers, his department head. Cornett, who has been at China Lake since January 1946, is now employed as an electronics technician in the Simulation Lab Branch of the Systems Development Department's Computer Sciences Division. In addition to working in Code 40 for nearly seven years, Cornett also has been an employee of the Public Works, Engineering and old Aviation Ordnance Departments during his lengthy tenure at China Lake.

### Contracts let . . .

(Continued from Page 1)  
in the housing area. This work, which is about 15 per cent complete, is scheduled to be finished in November.

Awarded through the Small Business Administration was another painting contract — this one for the exterior painting of industrial buildings at the Naval Air Facility and at the China Lake and Salt Wells Propulsion Laboratories. This work, by Gilco of Los Angeles, began this month and will take about five months to complete. Amount of the contract is \$69,000.

Work has been started by the employees of Morris and Son, of Lancaster, who are remodeling Rm. 150C in Michelson Laboratory for use by the Engineering Department as a "clean room" for electronics work. The contract calls for installing new partitions, special doors, tanks and filters, as well as some plumbing and electrical work at a cost of \$74,000. This job is expected to be completed in October.

The firm of Morris and Son, of Lancaster, also has been awarded a contract in the amount of \$145,000 for construction of a 120,000 gallon fuel storage tank for the boiler plant at the China Lake Propulsion Laboratory. This work, now about 10 per cent complete, is slated to be finished in October.

### Antenna Pads To Be Built

Awarded to the Desert Construction Co. of Rosamond was a \$64,000 contract for putting in some concrete pads for antennas to be used by the Test and Evaluation Department, and for the construction of a small building to house radio equipment used at G-range.

A contract to restore nearly four miles of 34.5 KV cable circuits that feed the electrical power substation on the G-4 range was awarded to the B&A Electrical Co. of Sacramento. This work, due to begin in November and be completed in December, will cost \$48,000.

Another contract for electrical work that also will cost \$48,000 was awarded to D. D. Barnes, of Sacramento. Involved is replacement of the camera signal control cables at the Supersonic Naval Ordnance Research Track (SNORT). This job is slated to start in September and be completed during the following month.

In addition, employees of the Fox Roofing Co. of Lancaster have just started work on the re-roofing of homes in the Site A Capehart Housing area. This job, which will cost \$93,000, is expected to be finished in November.

### Square dance class for beginners slated Sept. 8

A square dancing class for beginners will be offered by the Cactus Squares Dance Club beginning Wednesday, Sept. 8, at 7:30 p.m. at Pierce Elementary School (Wherry housing area.)

Registrations will be held while the first three classes are in session — on Sept. 8, 15 and 22. These classes will be designed especially to acquaint all interested persons with the pleasures and routines of square dancing.

These preliminary lessons will be followed by 27 consecutive Wednesday night classes to complete the course that is to be conducted by George Thornburg, the Cactus Squares' caller.

### Enlisted Club disco hop

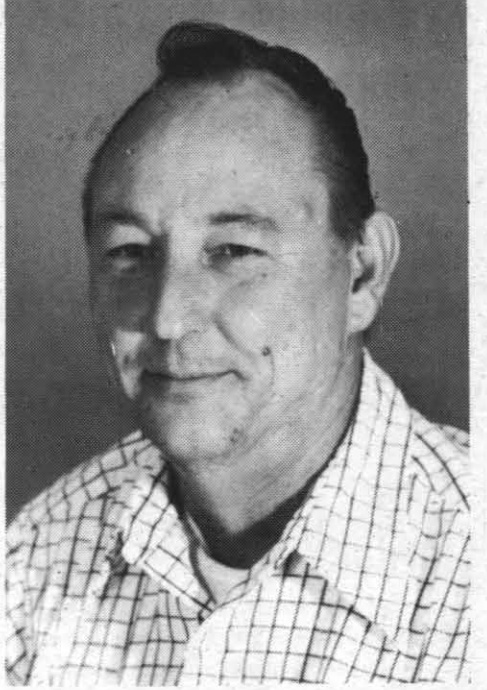
A disco hop will be held at the Enlisted Club tonight and tomorrow night from 9 until 2 a.m. with Navyman Salvatore Adona spinning the platters.

Tonight's dinner special will be baked fish, while tomorrow night's will be roast beef with wine. Both will be served from 6 until 8:30 p.m.

### New unused leave regs

Military personnel selling back unused accrued leave at the time of their discharge now may sell back a portion of the leave and carry the rest over into the next enlistment — as long as the total sold back during a career does not exceed 60 days. Details are in ALNAV 46/76.

### Employee in the spotlight



Bob Franks

"I like to look at the positive side of life, which has enough problems as it is. Looking at the negative side just makes you see all the problems. Who wants that?" The optimist behind these words is Bob Franks, an electronics technician with the Ballistics Test Branch of the Propulsion Development Department's Quality Assurance Division.

The branch is a static fire facility for the testing of missile motors, and Bob's job is to set up recorders in order to get the data onto tape. "This is an interesting job," he says, "because we go from one system to the other. But then, electronics in general is a very interesting field, too." A native of Muncie, Ind., and the oldest of 14 children in his family, Bob left home at the age of 16 and worked in a variety of jobs near his hometown. The last such job was as a "Culligan man" — servicing water softeners — but during the particularly severe winter of 1951 he decided he had had enough of the cold and was thinking of moving to Florida.

Former AP&CC Employee However, a co-worker of Bob's was also set to leave his job and move to Ridgecrest to join a sister, and so the two men set off for California together. Bob eventually landed a job as an evaporator tender with the American Potash and Chemical Corp. (now Kerr-McGee) in Trona. From 1952-54 he served in the Army, explaining, "I like to consider myself a well-bred Hoosier. I got my invitation to serve in the military. It ran out. I went home." Before he went home, though, Bob put in "all foreign duty — Ft. Bliss and Ft. Hood, Texas" — first as an artillery gun mechanic, and later as a parts man for his battery's motor pool.

Bob returned to his job in Trona when his hitch was over, but didn't particularly care to continue working on frequently changing shifts as he had done there, and had been looking for a chance to acquire a trade for some time. After doing well on an examination, he was accepted into the Apprentice Program at China Lake in 1962. "The Apprentice Program did a lot for me and it does a lot for the Navy," says Bob,

around the Center I've met some very fine and interesting people. There certainly are a real good bunch of folks here."

Bob and his wife, Sandra, live in Ridgecrest with their children, Penny, 12, Melody, 11 and Mike 6. In their spare time, husband and wife have been buying and remodeling "older type desert houses" and renting them out afterwards. "I'm a fair to middlin' carpenter, plumber, electrician and jack-of-all-trades," says Bob, who is also building an 18-ft. boat he plans to use for deep-sea fishing.

The Franks definitely like living in the China Lake-Ridgecrest area "because of the great climate, primarily. We don't have a big city's smog, and when we want to enjoy civilization, we can travel to it from a convenient, central location. We especially like to visit Las Vegas and the Los Angeles area."

Lately, though, Bob, who has been putting in quite a bit of overtime at the job and rationalizes, "Somebody's got to pay the taxes to keep the system going, you know."

### Students invited to consider NWC Work Experience Program

With the start of another school year just around the corner (opening day is Tuesday, Sept. 7, at Burroughs High School), it's time once again for local high school junior and senior class students to consider getting involved in the exploratory Work Experience Program that is conducted at the Naval Weapons Center.

Recent changes made in this program include the fact that it has been extended to include a summer session that coincides with the Burroughs High School summer program.

In addition, the registration procedure has been changed for those students who are entering the program for the first time. They are being asked to enroll at the end of their sophomore year in order that their applications can be processed during the summer months. By doing this, students will avoid the long delay before they can be granted the appropriate security clearance.

The Work Experience Program is divided into three parts, each one with an individual coordinator who places students in jobs that are available. Every effort is made to place students in jobs that will be most beneficial to them, as well as to their sponsors.

Purpose is Student Training Sponsors of Work Experience Program students should realize that student training is the primary purpose of this program. Students will be available for training two hours per day during the regular work week, and will be graded according to their records of attendance and participation. Academic credit and work experience are the only remuneration students receive.

NWC employees who work with the students will be asked to provide information for grading purposes to the school coordinator during a visit the latter will make to the work area.

The three segments of the Work Experience Program, the names of each of the coordinators, their work addresses and phone numbers are as follows:

Clerical/Administrative (secretarial, clerical and office support, administration and management) — Alma Cowan, Code 085, phone NWC ext. 3387. Vocational (skilled trades) — Ray Emerson, Code 3303, phone NWC ext. 3296. Laboratory (science and math) — Don Moore, Code 6052, phone NWC ext. 3207.

All offices, departments or divisions on the Naval Weapons Center interested in sponsoring a Work Experience Program student, or students or parents who want additional information about this program, should contact the appropriate coordinator.

### Metal Trades Council

The Indian Wells Valley Metal Trades Council will hold its next monthly meeting on Thursday, Sept. 2, starting at 7:30 p.m. at 65-B Halsey Ave., China Lake.



DISTINGUISHED VISITOR — Air Force Major General John G. Albert (at right), Commandant of the Defense Systems Management School at Ft. Belvoir, Va., stopped off at the Naval Weapons Center this past week, accompanied by Dr. F. W. Forman, director of the Executive Management Course at Ft. Belvoir. Maj. Gen. Albert, who is shown above with Rear Admiral R. G. Freeman III, NWC Commander, was inspecting the weapons display in the lobby of Michelson Laboratory as the photo was snapped. During their brief stay here, Maj. Gen. Albert and Dr. Forman were brought up to date on activities at NWC as they listened to progress reports covering the second and third quarters of Fiscal Year 76.

**The Rocketeer**  
Official Weekly Publication  
Naval Weapons Center  
China Lake, California

**RAADM. Rowland G. Freeman III**  
NWC Commander  
**Dr. G. L. Hollingsworth**  
Technical Director  
**C. E. Van Hagan**  
Head,  
Technical Information Department

**DEADLINES**  
Tuesday, 4:30 p.m.  
Tuesday, 11:30 a.m.  
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Staff Photographer



### Entries pour in for golf tourney slated Sat. at C.L. course

Sparked by interest in winning an expense-paid stay of three days and two nights in Las Vegas, or even a free trip to Hawaii (should anyone be fortunate enough to chalk up a hole-in-one on hole No. 6), entries have been pouring in for the China Lake Golf Club-sponsored Hawaii Week Western Airlines open tournament that will be held tomorrow.

According to Mike Sanitate, president of the China Lake Golf Club and tournament director, the total number of entries could run as high as 140 golfers who will be vying for the above-mentioned prizes, in addition to numerous merchandise awards from Ridgecrest merchants and the golf course pro shop.

There will even be a gift of 20 gallons of gas from a local service station for the golfer who has the worst score in this tourney, Sanitate mentioned as he summarized the prize list for this event. It includes a variety of items worth an estimated \$500, in addition to the top two awards.

Both men and women golfers will be competing in this 18-hole event, with individual handicaps to be determined by what is called the "Peoria" handicapping system. Before the tournament begins, the committee in charge will select six holes, and it will be the entrant's score on these particular holes that will determine his or her handicap.

At the conclusion of the tourney, which is expected to wind up at around 2 p.m., there also will be contests with prizes going to the golfer able to hit the longest drive off the tee, as well as a putting contest.

### Ohio native assumes position of athletic director for NWC

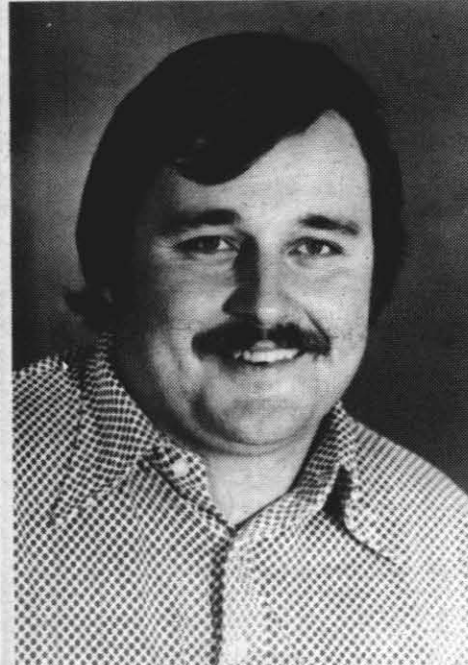
Doug Nelson, a native of Willoughby, Ohio, has recently assumed the position of athletic director aboard the Naval Weapons Center.

Nelson, whose duties include managing the gymnasium and swimming pools and running the intramural athletic activities here, said, "I'm very excited about getting started on the job and have seldom seen better recreation facilities than those at China Lake. I'm always open to suggestions. My office is in the gym and my NWC phone number is 2571 or 2334."

Prior to arriving at China Lake, Nelson was the recreation director of Harrison County in Cadiz, Ohio. In 1974 he received a B.A. degree in municipal recreation from Kent State and for the following seven months worked as a juvenile officer in his hometown.

From 1968-70, Nelson served in the Navy as an ordnanceman. His duty included tours at Naval Air Station Cecil Field, Fla., and Da Nang, S. Vietnam.

He and his wife, Gayle, live in Navy housing and enjoy golfing, swimming and playing tennis.



Doug Nelson



**VOLLEYBALL SEASON UNDER WAY** — First games between teams entered in the Intramural Volleyball League were played last week at the Center gym. Action is scheduled to continue on Tuesdays and Thursdays from 6 to 10 p.m. There are three divisions of six teams each entered in the 2-member volleyball team competition, and another 13 teams are vying in three divisions of the 6-member volleyball league. The photo above was snapped during last Thursday night's 3-game series between the Ballers and the Day Trippers, who outscored their opponents 15-6, 15-10 and 15-12. Battling at the net for control of the ball are Marv Goodman (at right) of the Ballers and Bob Orr. Other players for the Day Trippers are Mary McLane and Dave Allen (back to camera).

### Center grabs third place in MDISL standings despite slow pitch losses

The Naval Weapons Center moved up to the third position in the over-all Mojave Desert Inter-Service League standings as a result of participation in last weekend's slow pitch tournament held at Nellis Air Force Base in Las Vegas, even though the local squad was eliminated from tourney competition after losing its first two games.

The standings show March AFB leading the pack with 77 points, while Norton AFB is second with 75 and NWC is third with 66. Fourth place is occupied by George AFB (64), while the fifth through eighth spots are held by the Marine Corps Logistic Support Base, Barstow (60), Nellis AFB (57), Edwards AFB (56) and Los Angeles Air Force Station (40), respectively.

The China Lakers can derive some consolation from the fact that their losses in this double-elimination event were to the eventual first and second place finishers. They suffered a 12-8 defeat at the hands of the Norton AFB nine in their first game, and

### Two NWC softballers do well in fast pitch championship tourneys

Two representatives of the Naval Weapons Center made excellent showings in the recent Pacific Coast and All-Navy fast pitch championships which were held at the Navy Athletic Field in San Diego and the Naval Support Activity, Long Beach, respectively.

The NWC softballers, Greg Bishop and Mike Zych, played for the team from Naval Air Station North Island during the Pacific Coast championships held Aug. 9-13. This team, which represented the 11th Naval District, won the tournament with an overall 3-1 record in competition with teams representing the 12th and 13th Naval Districts.

Bishop, a catcher, was 3 for 7 during the tournament, while third baseman Zych had 7 hits in 10 times at bat.

The North Island team moved on to represent the Pacific Coast in the All-Navy Championship held Aug. 16-20, during which

went down by a 15-5 score against Nellis AFB in their second contest.

Emerging as tourney champs were the softballers from Norton AFB, who defeated their second-place rivals from Nellis AFB in the deciding game by a score of 19-13. March AFB placed third.

Bright spots in the NWC team's first game were the three double plays turned in by the locals, and a solo home run hit by center fielder Garyl Smith. Jerry Hart pitched the entire game for NWC, while Art Donaldson went all the way on the mound in the second contest.

According to coach-infielder Craig Hiller, the NWC team's disappointing showing in the tournament can be ascribed to its general lack of hitting, and also to the fact that his team was unfamiliar with playing on fields that had no outfield fences. The outfields themselves, he said, made the ball take tricky hops.

### Clinic set for girls interested in playing high school volleyball

A volleyball clinic for all girls interested in playing high school volleyball this fall will be held on Tuesday and Thursday, Aug. 31 and Sept. 2, at the Burroughs High School gymnasium from 7:30 to 10 p.m.

This clinic, for which there is no charge, is being sponsored by the Naval Weapons Center's varsity volleyball team. Girls who attend will receive instruction in the fundamentals and techniques of power volleyball from members of the NWC varsity volleyball team.

Girls interested in trying out for the Burroughs High girls' volleyball team are urged to attend one or both sessions of the clinic.

Additional information can be obtained by calling either Jerry Kissick, at 446-6760, or Tim Higgins, at 375-5800.



#### Wilt's Corner

### Meeting to plan for winter softball leagues set Monday

The first organizational meeting for the formation of winter softball leagues will be held at 5 p.m. Monday at the Community Center.

All players and coaches interested in slow pitch, fast pitch and recreation softball are encouraged to attend. Items on the agenda will include cost of officials, length of season, field maintenance and type of awards.

League play is scheduled to begin no later than Monday, Sept. 13.

#### Swim Instruction

Swimming instruction at the indoor pool will begin on Monday, Sept. 13.

Classes will be held for beginning, intermediate and advanced children (six years of age and above), tiny tots (in five age groups, from 6 mos. to 5 years), mixed adults, and women only. In addition, there will be a water ballet class for persons 14 years of age and older, and a diving class for youngsters at least 10 years old.

The complete schedule listing the varying starting dates for the different classes, their times and fees, is available at the Center gymnasium. Signups are being handled by the gymnasium secretary between the hours of 9 a.m. and 2 p.m., Monday through Friday.

#### Over-the-Hill Swim Club

Persons interested in swimming competitively, or just for exercise, are invited to examine the advantages of joining the Over-the-Hill Swim Club.

The only qualifications for membership are age (20 years and above) and the possession of some swimming ability. Practices will be held on Tuesday and Thursday evenings beginning the first week of October.

Signups will be taken at the indoor pool and gymnasium office.

#### Horseshoe Championships Stated

The 11th Naval District Horseshoe Championships will be held at the North Island Naval Air Station from Sept. 7 to 10.

RMES John Salyers is looking for a doubles partner with whom to compete in these eliminations. Interested persons should contact him by calling NWC ext. 2292.

Following the 11th ND competition, the fourth annual West Coast Navy Horseshoe Championships will be held, also at NAS North Island, from Sept. 20 to 24.

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## AMSAN Baldwin singled out as VX-5's July Sailor of Month

Aviation Structural Mechanic Airman Glenn L. Baldwin, a native of Vancouver, Wash., has been chosen as Air Test and Evaluation Squadron Five's Sailor of the Month for July.

As a plane captain with the squadron's Line Division, AMSAN Baldwin is responsible for launching and recovering A-7 Corsair II aircraft, inspecting and servicing them. "It's a job I really like," he says, "because through it I meet a lot of interesting people and it's something I've never done before."

In a letter of commendation signed by his commanding officer, Capt. R. N. Livingston, AMSAN Baldwin was praised for his "professional approach in all aspects" of his assignment and the "meticulous and expert manner" in which he accomplishes his daily tasks.

July's sailor of the month recently received another letter of commendation from his Skipper — this one for discovering an unseated rivet in the intake of an A-7. Had the rivet remained undetected, it could have caused significant damage to the engine of the aircraft.

AMSAN Baldwin entered the Navy in July 1974, soon after being graduated from high school in order "to have the opportunity to learn a lot — about jobs and people." At this time, he is still considering whether to make the Navy his career. After attending boot camp in San Diego and "A" school in Memphis, Tenn., he reported to China Lake in February 1975 for his first duty assignment.

The 21-year-old sailor lives with his wife, Sherry, in Navy housing and says, "I've joined my wife in her main hobby —

### New fire truck . . .

(Continued from Page 1)  
aircraft at G range, the fire was extinguished in about 15 to 20 seconds. Among the benefits of this type of research aimed at developing improved aircraft fire fighting and crash rescue apparatus is that it will save lives and lessen damage to aircraft at both Department of Defense and civilian airports, Fire Chief Knight stated.

William E. Davis, head of the NWC Safety and Security Department, expressed his appreciation for the support received from the Public Works Department, whose employees provided transportation to and from the test site for the sizeable group of visitors who were here for this first look at the P-4A fire truck in action.

MSEE from UC Berkeley  
A master's degree in electrical engineering from UC Berkeley was received by Holt, who is physicist in the Electronic Warfare Department's Systems Science Division. In working for his MSEE degree, he specialized in studies in control theory and electromagnetic theory. Prior to coming to China Lake four years ago, Holt was graduated from the University of Missouri at Rolla with a BS degree in physics.

Martinusen, who is employed as a technical information specialist (physical sciences) in the Technical Information Department's Technical Library Division, is scheduled to receive a master of library science degree from UC Berkeley in December. In working for his master's degree, he specialized in computer references. A 1971 graduate of Occidental College with a bachelor's degree in physics, Martinusen has been an NWC employee for five years.

Computer Engineering Degree  
"An engineering degree in computer engineering was awarded to Show, who specialized in studies in computers and control theory at USC. The recipient of an NWC graduate study fellowship, he is employed as an electronics engineer in the Electronic Warfare Department's RF Development Division. Before coming to work at China Lake four years ago, Show had earned a master of science degree in electrical engineering at UC Berkeley.

Albright, who is an engineering technician in the Systems Development Department's Avionics Division, received an undergraduate fellowship from NWC that enabled him to complete his final year of study for a bachelor's degree in electrical engineering, which he received from UC Santa Barbara.



## Master's degrees awarded to six Naval Weapons Center employees

Six Naval Weapons Center employees, all recipients of University of Southern California or NWC graduate study fellowships, have returned to work at China Lake after receiving Master's degrees or advanced engineering degrees as a result of completing studies or other requirements during the 1975-76 school year.

Those who earned Master's degrees under the USC graduate program in science and engineering are David Brown and William Huddleston, while Clifton Stine was awarded an engineer in mechanical engineering degree (also under the USC program).

Others Receive Master's Degrees  
Other recipients of Master's degrees were Hugh Holt and Raymond Martinusen, who both attended the University of California at Berkeley. In addition, Barry Show earned an engineering degree in computer engineering at USC, and Lewis R. Albright completed undergraduate studies at the University of California at Santa Barbara for a bachelor's degree in electrical engineering.

Brown, an electronics engineer in the Fuze Department's Development Division I, specialized in electronic engineering while studying for his MS degree at USC. A graduate of Cal State University at Long Beach in January 1971, Brown has been an NWC employee for the past five years.

Huddleston, another participant in the



"Education's investment in him has returned many fold in the magnitude of his service to mankind" states one of the many citations on the wall of negro chemist Dr. Percy Julian.

Sufferers from arthritis echo that sentiment, for Dr. Julian extracted steroids from the soybean, making cortisone, a steroid derivative, available at a reasonable price to all. Prior to his work, the only steroids had to be extracted from the bile of animals; each gram cost hundreds of dollars.

The dramatic relief from pain that cortisone has brought many arthritics is only one of the many uses of the drug and its derivatives now possible because of Dr. Julian's work.

USC graduate program in science and engineering, was awarded MS degrees in both mechanical engineering and operations research. An NWC employee for four years, he is a mechanical engineer in the Engineering Department's Fleet Engineering Division. Before coming to China Lake, he received a bachelor's degree in mechanical engineering from the Northrop Institute of Technology in March 1972.

Stine, another USC fellowship recipient, completed the requirements for an engineer in mechanical engineering degree as a result of his studies in control systems and heat transfer. Stine, who has been an NWC employee for four years, came here from the University of Washington, where he had earned both his bachelor's and master's degrees in mechanical engineering. He is a mechanical engineer in the Systems Development Department's Aircraft Armanment Division.

A master's degree in electrical engineering from UC Berkeley was received by Holt, who is physicist in the Electronic Warfare Department's Systems Science Division. In working for his MSEE degree, he specialized in studies in control theory and electromagnetic theory. Prior to coming to China Lake four years ago, Holt was graduated from the University of Missouri at Rolla with a BS degree in physics.

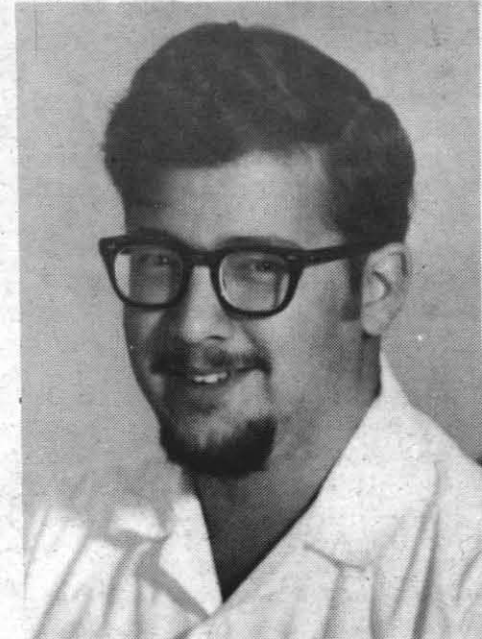
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collecting plants. Our house is a jungle which we share with two dogs, a cat and a couple of fish."

For his selection as sailor of the month, AMSAN Baldwin will receive, in addition to the letter of commendation to be read at quarters, a 72-hour liberty pass, one duty-free month, a parking spot near the hangar, a squadron plaque, and his photograph will be displayed on the squadron's bulletin board.



AMSAN Glenn L. Baldwin

### Turn in timecards early next Friday

All personnel who are responsible for submission of employee timecards are reminded that because of the Monday, Sept. 6, Labor Day holiday, timecards for the regular work week ending on Sept. 4 must be delivered to the Payroll Office no later than 12:30 p.m. on Friday, Sept. 3.

This is necessary because the processing of timecards must be completed by next Friday evening. No timecards are to be held out, since failure to provide the Payroll Office with an accurate timecard by the Sept. 3 deadline may result in a delay in pay for the employee.

Any overtime for Friday night, Sept. 3, or Saturday, Sept. 4, should be submitted on a supplemental timecard for payment covering the subsequent pay period.



**GOING, GOING** — A total of \$10,882.50 was raised at the local auction sale of surplus government property which was held last week at the Community Center. According to Bill Giuliani, head of the local Defense Property Disposal Office, that total represented a 12 per cent return on the original cost of the goods to the government, "and this is a real good figure, considering the government is usually lucky to get a 6 or 7 per cent return." Of the 150 bidders registered for the sale, 64 were successful on the 227 items offered. Two pianos — which brought \$280 and \$375 — drew the most competition, and the latter figure was the largest raised from any single item in the sale. Another auction is tentatively planned for the middle of October. In the photo, Ernie Escajeda (with gavel), auctioneer from the Barstow Defense Property Disposal Office, conducts the spirited bidding, while Owen Davis (seated at right) from the China Lake office and Dan MacGowan, from Barstow, record the high bids. —Photo by Ron Allen



Reorganization . . .

(Continued from Page 1)  
 staffs, as well as by other field activities and industry.  
 The PMO will be established upon transfer of the first Missile Program Offices from the Naval Air Systems Command in Washington, D.C., to the Naval Weapons Center. Until that time, the Systems Acquisition Office headed by Knemeyer will remain operational.  
 The following organizational changes are not dependent upon the transfer of NAVAIRSYSCOM Missile Program Offices to NWC, but will be implemented regardless of whether or not the missile programs are transferred here.

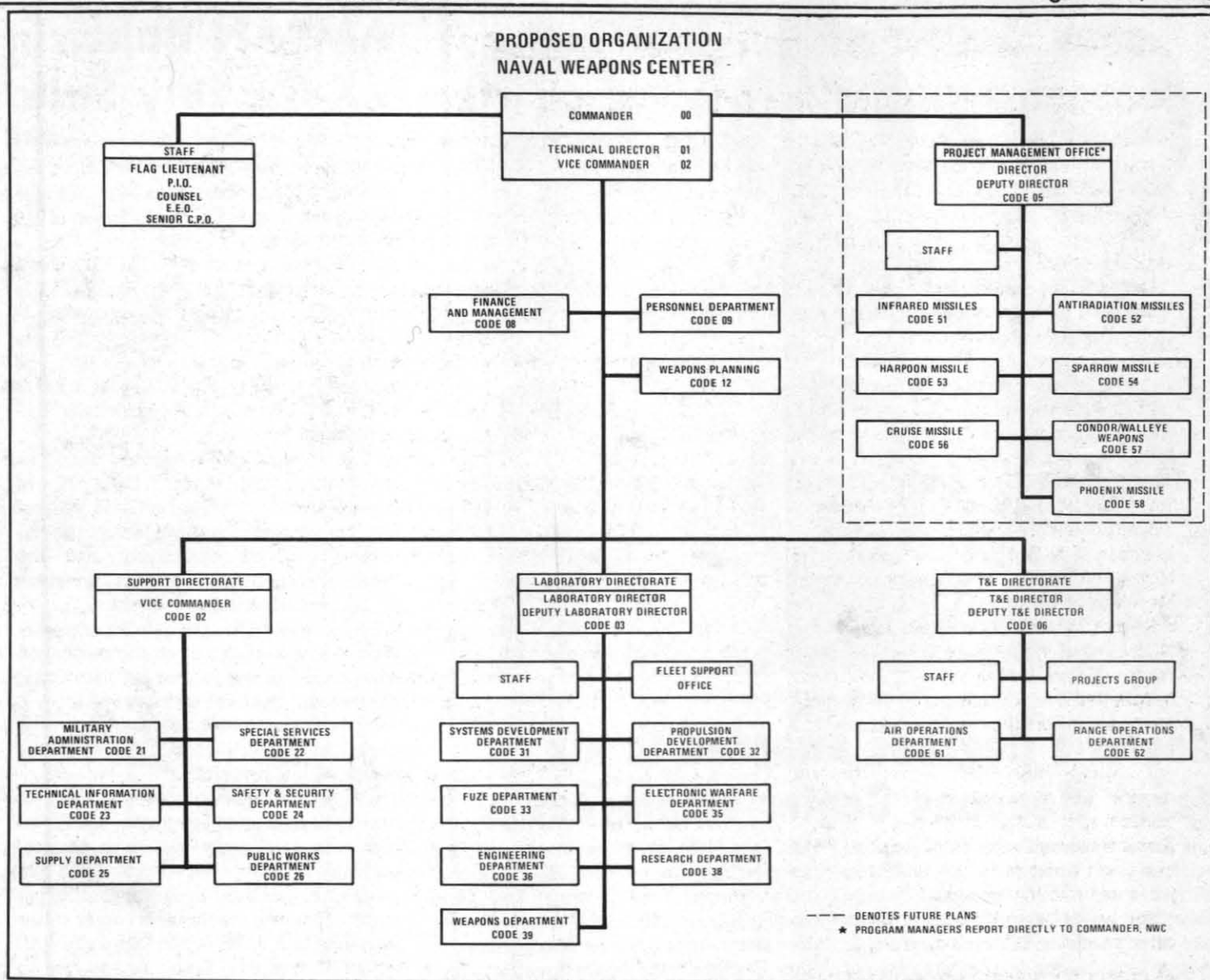
**Status of NAF To Change**  
 Establishment of a Test and Evaluation (T&E) Directorate will be accomplished by the organizational consolidation of the four cost centers that make up the NWC portion of the military range and test facility base, accompanied by the disestablishment of the Naval Air Facility as a separate command.  
 At the present time, these four cost centers (the Test and Evaluation Department, the Electronic Warfare Threat Environment Simulation Facility, the Propulsion, Environmental, and Warhead Test Facilities, and NAF reside in three different technical departments and a subordinate command).  
 This consolidation will result in a single accountability for all test and ordnance operations at NWC, more effective and efficient utilization of test resources, consolidated administrative and financial management, singular assessment of priorities, and more thoroughly integrated long range planning for the utilization and modernization of range and test facilities.

**To Head T&E Directorate**  
 The T&E Directorate is to be managed by William Hattabaugh, current head of the Test and Evaluation Department, as director. The deputy director will be Capt. Conrad Olson, the present Commanding Officer of NAF, who will be both the deputy T&E Director and Officer-in-Charge of NAF.

The Laboratory Directorate is to be headed by a team consisting of the director (a senior civilian scientist or engineer) and the deputy laboratory director (a senior Naval officer. Robert M. Hillyer, currently head of the NWC Resources and Technology Office, has been selected to fill the post of head of the Laboratory Directorate, while Capt. William B. Haff, who is now serving as the NWC Technical Officer, will be the Deputy Laboratory Director.

**Code 14 Disestablished**  
 The Technical Officer's office (Code 14) is to be disestablished and its duties reassigned to the Deputy Laboratory Director. The other 12 technical officers now in Code 14 will assume positions of greater responsibility, authority, and accountability in regard to development and acquisition programs within the Laboratory Directorate.

Scheduled to be established within the Laboratory Directorate to serve as the focal point for NWC's Fleet support activities is a Fleet Support Office. Initially, however, the Center's integrated logistics, production and Fleet support functions will be performed within the Laboratory Directorate — principally by the Engineering Department.



In time, depending on the transfer of NAVAIRSYSCOM Missile Program Offices and on possible future organizational alignments with other field activities, a Logistics and Fleet Support Directorate (Code 04) may be established with the Engineering Department as its nucleus.  
 The Center's collective support departments that will make up the Support Directorate will continue to come under the supervision of the NWC Deputy Commander, whose new title will be NWC Vice Commander. Under the organizational realignment, there are two additional support departments — the Military Administration Department (Code 21) and the Special Services Department (Code 22).

**Other Code 21 Components**  
 Code 21 is to be created from organizational entities that now report to the Deputy Commander, those assigned to NAF, and others within the present Office of Finance and Management. Functions of the Military Administration Department will be to provide military personnel administration for the Center (including officer and enlisted personnel records, BOQ and BEQ management, and human resources management), as well as educational, legal, religious and communications services.

Creation of the Military Administration Department will enable the transfer to it of non-test and evaluation functions from the T&E Directorate, enable consolidation of the Center's military personnel administration functions, and the assignment of additional Center support personnel to the Support Directorate.

In time, the Special Services Division (Code 089 of the Office of Finance and Management) will be transferred to the Support Directorate as a non-appropriated fund department with some 200 employees (primarily non-appropriated fund personnel) and a budget of over \$2 million (primarily non-appropriated funds).  
 The recreation and club programs were assigned initially to Code 08 for the purposes of establishing financial and management control systems, organizational structuring and staffing of key positions. Once this organizational building task has been accomplished, the present Special Services Division is to be transferred to the Support Directorate and come under the Vice Commander, who is the non-appropriated funds administrator.

It is estimated that the Special Services Department will be established by mid-1977. The revised organizational chart for the Naval Weapons Center is patterned generally after those found within the Naval Air Systems Command and the Naval Material Command. The Center's organizational code numbers will be changed to conform with the directorate coding in order to simplify identification, as well as to improve fund accounting and financial reporting.

**Executive Team Unchanged**  
 The roles of the Center's top managers will remain essentially unchanged under the organizational realignment. The Executive Committee, a team consisting of the Center Commander, Technical Director, and Vice Commander, will determine the technical and administrative policy for the Center's directorates and staffs.

The NWC Commander's role will be expanded, however, to include direct management of the Missile Program Offices. The Technical Director is responsible to the Commander for the technical excellence of NWC programs (including planning, execution and effectiveness), and is the chief technical spokesman for the Center. It is his task to maintain liaison with sponsors and the scientific community.  
 The Vice Commander serves as line officer next in succession to the Commander, assists the Commander in the general administration of the Center, acts for the Commander in the latter's absence, and supervises the Support Directorate.  
 No additional high grades will be required as a result of this proposed reorganization nor will there be a requirement for additional civilian or military billets, with the

exception of the position of Director of the Project Management Office.  
 It is proposed that the military personnel and billets currently assigned to the NAVAIRSYSCOM Missile Programs be required to staff the Program Offices upon their transfer to NWC. The proposed organizational structure also makes maximum use of existing offices and personnel at the Center to perform essential management functions.  
 It is anticipated that there will be some manpower savings within the T&E Directorate as a result of the planned consolidation of similar functions, and this will be used to partially offset major manpower deficiencies that now exist in the Center's test and evaluation operations.



**30 YEARS ON DESERT** — Larry Sullivan, who has been a planner estimator in the Public Works Department since 1953, was the recent recipient of a 30 year NWC pin that was presented by Capt. William F. Daniel, his department head. A former Marine sergeant who served during World War II, Sullivan came to China Lake in April 1946 to work in what was then called the Experimental Department. An avid fisherman and hunter, he is now chairman of the Kern County Wildlife Resources Commission, a group that is responsible for expenditure of the county's share of revenue brought in by fines levied for violations of Fish and Game Department regulations.

Local chapter of National Contract Management Ass'n receives charter

A charter night meeting by the newly-formed China Lake-Ridgecrest chapter of the National Contract Management Association (NCMA) was held on Thursday night of last week at the Commissioned Officers' Mess.  
 NCMA is an association of individuals from both government and industry who deal in the field of government contracting and subcontracting. The group's membership is composed of technical, administrative and managerial personnel.  
 Guest speakers at the charter presentation meeting were Rear Admiral R. G. Freeman III, NWC Commander; Professor Robert Judson, of the Naval Postgraduate School at Monterey, who is an honorary life member of NCMA; and Steve Parker, of Hughes Aircraft, who is the national secretary of NCMA.

Adm. Freeman, a national advisor for NCMA, cited the need for a local chapter. He pointed out that contract management has the status of a profession, but it is only one portion of the systems acquisition process.

This field, the NWC Commander noted, requires the combined efforts of not only contract specialists, but technical and legal personnel as well in order to be effective. He expressed a desire to see more technical personnel join the association.

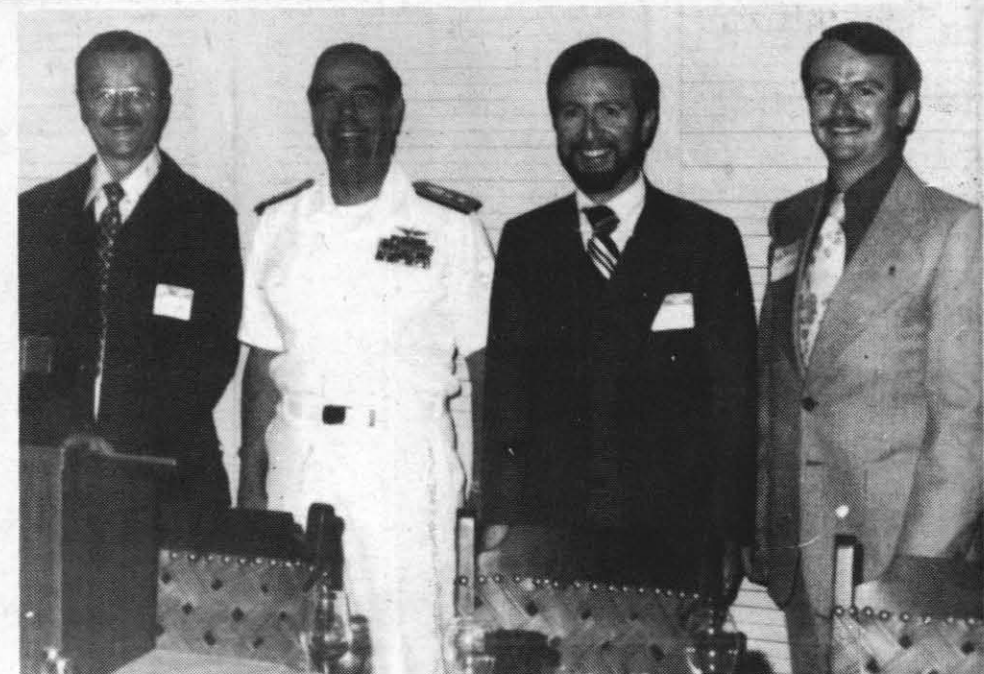
For his part, Prof. Judson provided a current view of the Congressional per-

spective of systems acquisition and commented on the benefits of NCMA membership.

Parker's role in the evening's activities was to present the charter to the 30 members of this new group and install its officers. They are: Capt. Francis McDonald, chapter director; Gene Kotchick, president; Don Gay, vice-president; Vic Besancon, secretary, and Mike Demcak, treasurer.

Capt. McDonald is NWC's Director of Supply, Kotchick is a Code 25 contract specialist assigned to the Engineering Department, Gay is an employee in the HARM Program Office (Code 3506), while Besancon and Demcak are employed as managers by Systems Consultants, Inc., and Comarco, respectively.

Membership in the China Lake-Ridgecrest chapter of NCMA is open to government employees, contractors and military personnel. Additional information can be obtained by calling Kotchick at NWC ext. 2766 or Besancon at 446-2536.



**NEW GROUP RECEIVES CHARTER** — Gene Kotchick (at left) was introduced as the first president of the China Lake-Ridgecrest chapter of the National Contract Management Association during the group's charter night meeting. He is shown with (l.-r.) Rear Admiral R. G. Freeman III, NWC Commander, who was one of the guest speakers for the evening; Don Gay, NCMA vice-president, and Steve Parker, national secretary of the association, who presented the charter and served as installing officer.

Promotional opportunities

(Continued from Page 2)

preparation of such documents as advanced procurement plans, source selection plans, request for quotes, technical development plans, and development concept plans; have experience in program management including planning, scheduling, budgeting and coordination; and must have the ability to coordinate across various organizational lines and technical disciplines.  
**Administrative Assistant, GS-341-5, PD No. 7435973, Code 351** — This position is located in the Systems Sciences Division, Electronic Warfare Department. The incumbent is responsible for all administrative work initiated within the division or requested of the division and which is not personally attended to by the division head. The primary duties of the position are in the area of financial management. The incumbent maintains a close surveillance of funds and expenditures involving all programs within the division; and prepares all required periodic financial status reports and initiates all required MIPR's, work requests and material requests. Other responsibilities include control and distribution of the division's publications or reports, drafting initial personal actions of all types, and maintaining the security for the building and grounds. **Job Relevant Criteria:** Knowledge of policies and procedures applying to the areas of personnel, plant account, security and financial management, and the ability to work well with others.  
**File applications for the above with Pat Gaunt, Bldg. 34, Rm. 212, Ph. 2514.**

**Warehouseman, WG-4907-4, JD No. 514, Code 2922** — Incumbent performs a variety of tasks in connection with the physical receipt and processing of incoming supplies and materials received; receives, checks, stows, counts, issues and assembles supplies of all types in accordance with established supply systems, procedures and methods; and maintains all transactions and related duties to the Imprest Fund function (i.e. paying for COD purchases and preparing vouchers and other documentation for the building and grounds (Imprest Fund)). **Job Relevant Criteria:** Ability to do warehouseman work without more than normal supervision; work practices, including keeping things neat, clean and in order; evidence of warehousing practices; ability to interpret instructions; and knowledge of materials and documents.  
**Procurement Clerk (Typing), GS-1166-3/4/5, PD No. 7425012-1N, Code 2531** — This is an intermittent position located in the Contracts Branch, Procurement Division, Supply Department. Incumbent types contracts, invitations for bids, Naval messages, etc.; assembles bid packages; maintains bid board; types travel orders and itineraries; and sorts and distributes mail for the branch. **Job Relevant Criteria:** Ability to use a magnetic card typewriter and to type statistical material; knowledge of procurement documents and procedures.  
**Supply Systems Analyst, GS-2003-7, PD No. 7425027, Code 2511** — This position is located in the Planning and Administrative Division of the Supply Department. Incumbent will participate in the design of systems for processing supply data and will analyze the data requirements and operating methods of the Supply Department and devise means of improvement. **Job Relevant Criteria:** Knowledge of Navy Supply System requirements and of data processing systems; ability to deal with personnel at all organizational levels. **Promotion Potential:** GS-9.  
**File applications for the above with Terry Rowell, Bldg. 34, Rm. 216, Ph. 2371.**

**Clerk-Typist, GS-322-3/4, PD No. 7439082N, Code 3813** — This position is in the Systems Concept Branch, System Engineering and Synthesis Division, Weapons Department. Incumbent provides clerical support for branch personnel including receptionist duties, preparation of correspondence, typing technical reports, maintaining branch files, making travel arrangements, preparing timecards, etc. **Job Relevant Criteria:** Ability to type accurately and to work with others; familiarity with Navy correspondence. Ability to operate the Mag Card II is desirable.  
**Clerk-Typist, GS-322-3/4, PD No. 7439081N, Code 3915** — (Part-time). This position is in the Systems Effectiveness Branch, Systems Engineering and Synthesis Division, Weapons Department. The incumbent provides clerical support for the branch, acts as receptionist, maintains branch files, makes travel arrangements, types technical reports and formal correspondence, and screens and distributes incoming mail. **Job Relevant Criteria:** Ability to type accurately and to work with others; familiarity with Navy correspondence; and ability to meet deadlines under pressure.  
**Administrative Assistant, GS-341-7/9, PD No. 7460013, Code 002** — This position is located on the Staff of the Commander, Naval Weapons Center. The incumbent functions as the assistant to the Public Information Of-

ficer. The incumbent is required to develop and maintain a good working knowledge of the Center organization, programs and personnel. This background knowledge is required in meeting visitors, coordinating projects for the Commander, setting up public events and responding to various inquiries. Incumbent is responsible for preparation of material for releases to the media on technical projects, issues affecting the Center and Center policies or activities that may impact on the local community. The incumbent will also be responsible for the general administrative functions of the Public Information Office. Typical efforts include assisting in preparation of the Public Information Office budget and processing personnel actions. In the absence of the Public Information Officer the incumbent is responsible for maintaining the continuity of effort in the Public Information Office. **Job Relevant Criteria:** Incumbent must have a good knowledge of management principles, practices, methods and techniques. Incumbent must also have a working knowledge of budgetary planning and fiscal control, personnel practices and procedures (including personnel regulations and office procedures; must have demonstrated the ability to communicate effectively both orally and in writing, interact with people in all sections of the organization, and work independently. This position was previously advertised as a Public Information Specialist, GS-1081-7/9, Code 003 and is being restructured as above.  
**Airspace Coordinating Clerk, GS-301-5, PD No. 7418013N, Code 183** — This position is located in the Airspace Coordinating Facility Office, Naval Air Facility. The primary responsibility of the incumbent is to review the daily and weekly schedules of the R-2508 restricted area, an airspace complex making sure of the proper integration of flight-test missions and airspace scheduling. The incumbent also provides general clerical support to operating officials in this office. **Job Relevant Criteria:** Familiarity with naval and aeronautical nomenclature; knowledge of FAA regulations pertinent to air space utilization; knowledge of general office operations and clerical procedures; ability to work with minimal supervision.  
**File applications for the above with Marge Stanton, Bldg. 34, Rm. 206, Ph. 2723.**  
**Secretary, GS-318-5, PD No. 7460078N, Code 087** — This position is that of secretary to the head, Financial Analysis Division, Office of Finance and Management. The in-

cumbent provides a variety of clerical and administrative duties related to the management of the division office such as scheduling appointments and conferences, telephone and receptionist work, typing, receiving and replying to incoming mail, and reviewing outgoing mail, etc. **Job Relevant Criteria:** Ability to meet deadlines under pressure; knowledge of Navy correspondence format; ability to cordially and effectively deal with people in person or during phone conversation; and knowledge of office procedures.  
**File applications for the above with Tina Lowe, Bldg. 34, Rm. 206, Ph. 2676.**  
**Clerk-Typist, GS-322-3/4, (part-time), 7:30 - 11:30 a.m., Mon. through Fri.), PD No. 7465061, Code 4531** — The incumbent assists the Area R Supervisor and other technical personnel in the section in a variety of clerical and secretarial duties as required; types interface memos, staff requisitions, reports and official correspondence for the section; receives telephone calls and visitors; initiates procurement action and follow-ups for all material and equipment required for test projects within the section upon request of section personnel. **Job Relevant Criteria:** Ability to type accurately and efficiently; to operate a variety of office machines (reproduction, calculator, etc.), and to perform tasks independently.  
**Physicist, GS-1310-11, PD No. 7465066, Code 4564** — This position is located in the Propulsion Development Branch, Conventional Weapons Division, Propulsion Development Department. The incumbent will evaluate the feasibility, utility and potential applications of advanced weapon concepts through integration of applied research knowledge exploratory development and design analysis with current DoD management practices. The incumbent will also maintain liaison with the project sponsor as well as all supporting activities to insure compatible integration of satellite efforts with the program schedule. **Job Relevant Criteria:** Comprehensive knowledge of physical, chemical, analytical and engineering principles used in the design of warheads and other weapons systems; knowledge of exploratory development and experimental design techniques; ability to prepare informal and formal technical reports and presentations. **Promotion Potential:** GS-12.

**Wood Craftsman, WG-4605-16, JD 196-4, Code 4553** — This position is located in the Facilities Branch of the Propulsion Development Department. Incumbent constructs, installs and repairs displays, models, furniture, cabinet work and other related components which are utilized in offices, shops and process buildings; constructs and installs door jams, doors; installs panic hardware, locks and other additional hardware. **Job Relevant Criteria:** Ability to do the work of the position without more than normal supervision; technical aptitude; ability to interpret instructions, specifications, blueprints, etc.; to plan, set up, lay out and measure work common to the trade, and to use and maintain tools and equipment safely; knowledge of materials common to the trade.  
**Engineering Technician, GS-802-7, PD No. 745014-2, Code 4533** — Incumbent will be involved with the testing, evaluation and mechanical properties determination of ordnance items, components and systems; and will determine quality level and conformity of product ordnance produced on and off Center, utilizing appropriate non-destructive test methods. **Job Relevant Criteria:** Experience in ordnance assembly and inspection and in industrial radiographic inspection techniques; knowledge of mathematics and/or chemistry.  
**File applications for the above with Mary Morrison, Bldg. 34, Rm. 210, Ph. 2392.**  
**Motor Vehicle Dispatcher, GS-2151-4, PD No. 747009, Code 70783** — This position is located in the Transportation Division, Public Works Department. Duties are to dispatch all types of vehicles, to take incoming trouble calls from operators and to maintain vehicle maintenance and other vehicle related records. **Job Relevant Criteria:** Must be able to get along with others as family with Public Works Department vehicles, be able to operate under pressure, and be proficient at maintaining records and in other clerical duties.  
**Air Conditioning Equipment Mechanic (Helper), WG-5306-5, JD No. 515, Code 74033** — Duties of this position include repair of minor equipment, bench shop work, gear motors, dump valves, timers, etc. Adheres to safety rules; maintains the maintenance of records or charts, reports, material requests and office work for the section. This position is not part of a prejourneymen program. While there will be training in air conditioning work, there is no formal training plan with non-competitive promotional opportunity. **Job Relevant Criteria:** Reliability and dependability, shop aptitude and interest, ability to follow directions in shop, dexterity as family, and the ability to work as a member of a team.  
**File applications for the above with Ginger Hamaty, Bldg. 34, Rm. 212, Ph. 2022.**

Schools to re-open soon, motorists on Center urged to exercise special care

School will be starting soon and children will be walking and riding bicycles from their homes to school in many areas on the Center.  
 Some of the little ones may be on their own for the first time. Some of the new bicycle riders may be using a bicycle that is new and / or a little too big for them to handle easily.  
 Crosswalks near schools are being repainted. Parents will have probably reminded the kids to be careful and watch for traffic. But sometimes kids forget or ignore warnings.  
 The speed limits on the Center have been adjusted to correspond with California law. Although the speed limit at schools in California is 25 mph, vehicle operators are reminded to take care and watch for children. Do keep in mind the basic speed law which states in part, that, "no vehicle will be operated at a speed greater than is reasonable and prudent having due regard for weather, visibility, the traffic on, and the surface and width of, the roadway, and in no event at a speed which endangers the safety of persons or property."  
 Parents are urged to stress the dangers involved, which side of the road to walk on and the importance of personal responsibility for safety with their children.