



**BOOST FOR NAVY RELIEF** — The king-size replica of a check for \$14,447.54 — representing the contribution made by Naval Weapons Center personnel (principally those in the military service) to the Navy Relief Society — was presented last Friday, July 2, by Capt. Lahr to Richard Gaynor, executive director of the Navy Relief Society headquarters in Long Beach. Shown with the NWC Commander during the check presentation ceremony are (l.-r.) Lt. Ed

Torrence, Navy Relief officer for NWC; Mrs. Lilliane Greene, chairman of NRS volunteers; Gaynor; Cdr. C. E. Gartrell, co-chairman of the recently-concluded NRS fund drive; and Mrs. Carol Dieckman, an NRS volunteer interviewer. Most contributions (\$10,760) were in the form of payroll deductions authorized by military personnel. Cash and checks totalling \$3,687.54, made up the balance of the total. — Photo by Don Cornelius

**Annual fete set once more**

**Ice cream social**

What has come to be one of the annual summertime family fun events at China Lake — the ice cream social sponsored by the Protestant Women of the Chapel — will be held on Tuesday, July 20, from 6 to 8:30 p.m. on the lawn at the All Faith Chapel.

There will be ample servings of ice cream, along with the patron's choice of either homemade cake or pie. Coffee, tea and punch also will be included for donations of \$2 for adults and \$1 for children 11 years of age and under.

Tickets to the ice cream social can be obtained in advance on weekdays at the All Faith Chapel office, and also will be sold on the evening of July 20.

A large number of tables to accommodate the anticipated throng of between 900 and 1,000 persons who regularly attend this

**Thrirt Shop plans half**

**price sale next week**

Families planning for vacations this summer will find the Thrift Shop's half-price sale next week a big help in getting clothes and other items needed.

Thrift Shop hours are Tuesday from 7 to 9 p.m., and Thursday from 10:30 a.m. until 12:30 p.m. It is located on Lauritsen Road, across from Schoeffel Field.

**AFGE to meet Monday**

The American Federation of Government Employees, Local 1781, will hold its regular monthly meeting on Monday at 7 p.m. at 520 E. Inyokern Road, China Lake.

MOVIES

(G) ALL AGES ADMITTED  
General Audiences  
(PG) PARENTAL GUIDANCE SUGGESTED  
(R) RESTRICTED  
Under 17 requires accompanying Parent or Adult Guardian

Regular starting time 7:00 p.m.

**FRI., SAT. JULY 9, 10**  
"RAIDERS OF THE LOST ARK"  
Starring Harrison Ford and Karen Allen  
(Action / suspense, rated PG, 115 min.)

**SUNDAY JULY 11**  
"LOVING COUPLES"  
Starring Shirley MacLaine and James Coburn  
(Romantic / comedy, rated PG, 98 min.)

**MONDAY JULY 12**  
"FOUR FRIENDS"  
Starring Craig Wasson and Jodi Thelen  
(Drama, rated R, 115 min.)

**TUESDAY JULY 13**  
Matinee — 2 p.m.  
"SLEEPING BEAUTY"  
Animated  
(Rated G, 75 min.)

**WEDNESDAY JULY 14**  
"PURSUIT OF D.B. COOPER"  
Starring Robert Duvall and Treat Williams  
(Comedy / adventure, rated PG, 106 min.)

**THURSDAY JULY 15**  
Matinee — 2 p.m.  
"THE GREAT MUPPET CAPER"  
Starring Charles Grodin and Diana Rigg  
(Adventure, rated G, 98 min.)

**Open house in new quarters slated by local drama group**

After one and a half years of renovating the old Station Restaurant to theatrical specifications, the China Lake Players are raising the curtain tomorrow for the grand opening of their new theater.

The theater, located on the corner of Blandy Avenue and Lauritsen Road, is the result mainly of volunteer work done on weekends by members of the China Lake Players. The work involved moving seats from the group's old hut on McIntire Street and installing them in the new theater, as well as setting up lights and curtains.

The grand opening celebration gets underway with a ribbon cutting at 7 p.m., followed by refreshments and tours of the theater. A variety show at 8 p.m. rounds out the evening.

"Entertainment in All the Media" will be the theme of the variety show, with narrator Ralph Vuono introducing selections from vaudeville, drama, radio and television.

Vaudeville will be represented by a number of classic songs: "Blue Moon," "That's Entertainment," "Cabaret" and others will be sung by Jim and Ronnie Goss, Sandee Schwarzbach, Judy Vuono, and John Bell. The singers will be accompanied on the piano by Beverly Bell.

The China Lake Players will also recreate an old radio show, will do a take-off on the Carol Burnett TV show, and enact a scene from the play "You Know I Can't Hear You When the Water's Running." Participants in these selections are Gerry Baker, Roselle Goza, Ken Austerman, Fred Stahlman, Rudyard Stone, Natalie Stone, and Susan Cragin.

Ken and Myrna LaBaw will be the hosts for the evening.

All interested persons are welcome to attend this admission-free event.

**Visit to Pioneer Town in Bakersfield arranged for youths**

A trip to Pioneer Town, a reconstructed 19th century village in Bakersfield, is planned next Friday, July 16, for boys and girls 10 through 14 years of age. The trip is limited to a group of 15.

In addition to seeing Pioneer Town, the young people will visit a natural history museum in Bakersfield and play on the Wild and Wet Slides in the afternoon sun.

Departure is set for 7:30 a.m. from the Community Center, and the participants in this summertime activity for youths will return at 4:30 p.m. A van will be used for transportation.

In Pioneer Town, the visitors can relive the "olden days" as they examine restored cabins, mines, and a bakery and blacksmith's shop that look as they did over 100 years ago.

Mary Lambton, assistant director of community services, and other adults, will accompany the young people to and from Bakersfield.

Reservations for the trip at \$12 per person must be made by Thursday, July 15.

**Dance tonight at EM**

A variety of funk and rock music will be played tonight by the Reckless band — a local group — at the Enlisted Mess, with dancing beginning at 9 o'clock.

Dinner speciality of the evening will be turf and surf, served from 6 to 9 p.m. in the dining room of the EM.

U.S. Government Printing Office: 1982 - No. 1032

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

PLACE STAMP HERE

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

**Meeting called to air problems of feral horses**

Now that the Center's burro management program is proceeding successfully, the management of the size of the feral horse herds can be considered as part of the Navy's overall grazing management program.

This program is designed to protect the environment and native species on lands for which the Navy is steward. Horses will be permitted to remain on the ranges; it is only the number of horses that the range can support that is under consideration.

A public scoping meeting will be held at 7 p.m. on Thursday, July 15, in the Cactus Room of the Community Center to permit the public to comment on proposed actions.

Comments at the meeting will be limited to five minutes per speaker. Written comments will also be accepted until Monday, Aug. 16. These must be sent to the Naval Weapons Center; Attention: Public Works Officer (Code 2632); China Lake, CA 93555.

The firm of Phillips Brandt Reddick has been awarded a contract to prepare an Environmental Assessment (EA) on the herd management program. This EA will consider the following alternatives: a herd management program compatible with the welfare of native species, water, and carrying capacity of the habitat; adoption of horses by private citizens; auction of horses removed from the Naval Weapons Center; other methods of population control; and no project.

The differences in social structure between the feral burro and the feral horse make maintaining horses on the Center more feasible than maintaining any burros.

Neither the horse nor the burro is native to this area, and no predators exist in nature here that will attack them. Their population size tends to grow to fill any voids. The Center's horse herds, however, have not been found to impact the environment as the burro herds do.

Horse herds can maintain a stable population level because the main herds are under the control of an "alpha" or lead stallion who has a long term male-female

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**Military bases join with NASA to protect desert air quality**

High desert military activities and the National Aeronautics and Space Administration (NASA) located in restricted air space R-2508 have joined in their effort to protect the level of visibility now existing in the upper Mojave Desert required for their essential test and flight operations.

They are not endeavoring to roll back standards to an earlier time, but merely to protect the air quality now existent.

The Naval Weapons Center, NASA, Edwards Air Force Base, Air Force Plant 42 (scheduled for bomber production), George Air Force Base, and Ft. Irwin are holding a series of meeting with air pollution control boards from the regions whose air affects high desert air quality.

These bases, whose combined payrolls and budgets exceed \$1 billion annually, require good air quality for the visibility needed to conduct tests and flights essential to their respective national defense and space missions.

The current effort is to establish the means to set standards for visibility. Initially, the thrust will be to monitor air quality in a region that runs from the crest of the Sierra Nevada to the Nevada border, and from the northern edge of R-2508 south of Highway 58 to Palmdale.

This monitoring to establish what the current air quality actually is will be done at no cost to the communities involved because the bases have budgeted approximately \$700,000 required for the first year's work. All that would be asked of the air pollution control districts would be establishment and enforcement of regulations dealing with



NAVAL WEAPONS CENTER  
CHINA LAKE  
CALIFORNIA

**Long range planning on acquisition, use of computers now underway on Center**

"The world of computers and computer applications is a very dynamic one that cuts across nearly every field of endeavor at the Naval Weapons Center."

That's the assessment of Bruce Wertenberger, NWC's automatic data processing (ADP) resources manager, who is involved in and has oversight responsibilities for the development of a strategic plan for computers based on the Center's needs.

The scope of this task reaches the mind-boggling stage when it is realized that currently an estimated one-third of the NWC budget is related to computer equipment purchases and leases, maintenance of this equipment, development of software and hardware embedded in weapons systems and components, and the use of computers as analytical tools in support of RDT&E efforts, including the efforts of employees whose work involves preparing data that is fed into a computer and then analyzing the results.

**WIDELY VARIED USES**

Computer use ranges from keeping track of dollars for the Office of Finance and Management and storing information on the inventory of supplies and equipment that is maintained by the Supply Department, to the analysis that goes into the design of a missile or weapon system, followed by the simulation of missile flights before the hardware itself is ever launched.

Center management realized that there was a need for long range planning on how NWC acquired and used computers, as opposed to the piecemeal approach that generally has been the rule. With this in



**IT'S OPERATIONAL** — William Ball (seated) outlines the importance of digital computers and their associated software to the A-6 aircraft program. Ball, who heads the Software Engineering Task Team, is shown with Bruce Wertenberger (at left) and Dr. E. K. Kutchma, head of the Aircraft Weapons Integration Department.

mind, B. W. Hays, then Deputy Technical Director, set forth the need for the development of a large base of computer capability with individual increments that, although project oriented, could be mutually supportive and inter-related. To reach this point, however, there was the need for extensive planning.

Spearheading this effort, in addition to Wertenberger, are Dr. Ed Royce, head of the NWC Research Department and acting Director of Computer Applications, and Dr. William G. Lane, a consultant who is on a year's sabbatical leave from California State University at Chico. The latter, who has been associated with NWC for several years, established the graduate program in computer science that is offered here by Chico State, and has taught courses that are given as part of this program.

This trio has cognizance over the activities of a number of task teams that are involved in filling in the fine points of a long-range plan for computing at the Naval Weapons Center without disturbing on-going Centerwide projects that rely so extensively on computer applications.

There is the Finance and General Policy Task Team, headed by Dr. Richard E. Kistler (Code 08), whose purpose it is to

develop Center-wide policies and implement procedures that will make it possible for computing equipment and facilities to be truly available as a tool for all Center personnel — regardless of organizational affiliation and/or the particular computational need.

This is a necessity because, in the past, each organization on Center essentially "did its own thing" in the acquisition and application of computer equipment without much regard to the needs of other groups individually, or to the Center as a whole. In the vacuum created by the lack of a Centerwide policy on computing, practices have grown up that are counter to coordinated development and/or a shared system use, according to Dr. Royce.

The Software Engineering Task Team, headed by William Ball (Code 311), is responsible for the development and implementation of software design, documentation, and control procedures that are (1) easily understood, (2) usable by the average person, (3) applicable to the total product life cycle, and (4) supported by automated tools where possible and appropriate. Additionally, it is the intent that whatever is done must not unnecessarily complicate or extend the program development period.

The Systems Acquisition and Support Task Team, headed by Bryan Hill (Code 3875), has the task of developing cost-

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**Earthquake centered in NWC range area hits on July 4th**

The Fourth of July locally was an earth-shaking event — literally, because light sleepers were awakened at 5:44:08 by a temblor that measured 4.0 on the Richter scale.

The epicenter of that quake was located near Tower One, north of Charley Tower. Earthquake swarms felt earlier this year were centered near Charley and Baker Towers.

No damage was reported as a result of either the main quake of the day or minor shocks that preceded and followed it.



**COMPUTER WORK STATION** — Defining the functional requirements of a computer workstation is the task of a group headed by Gene Schneider (at right), who is shown with Dr. William G. Lane as they look over the principal component of one such workstation. — Photos by Don Cornelius



COURSEWORK COMPLETED — Burrell Hays (far left) and Capt. Lahr join those who have just received Technical Managers' Certificates from Hays. Those present for the picture are (l. to r.) John M. Smith, Ernest T. Mangrum, Billy E. Waldon, Michael L. Schmitt, Robert N. Juarez, Jr., and Thomas E. Loftus. Not present for the picture were Wallace K. Fung, Roger W. Grenier, and Ray V. LaBorde. — Photo by Randall Eady

### 9 Center employees complete course in Tech Management

Nine Naval Weapons Center personnel were commended by Burrell Hays, NWC Technical Director, at the Commander's meeting Monday, June 28, as he presented them with certificates for completing the Special Curriculum in Technical Management.

The program requires 330 hours of classroom instruction covering Department of Defense, Navy and NWC management policies and practices in general, and their application to the management of system acquisition programs at NWC in particular.

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

Ordinarily the program takes from 18 months to 3 1/2 years to complete. The courses are drawn from a variety of sources, including the Naval Postgraduate School, contractors, and a few structured by Center personnel. The program complements rather than replaces relevant off-center courses of study, such as the Naval Postgraduate School program in Systems Acquisition Management.

So far, 34 persons have completed the program, and another 51 are now enrolled. The Technical Planning Board selects participants from those who have been nominated for the Special Curriculum in Technical Management; 15 more individuals will be selected to start the program next fall.

The nine employees completing the program at this time were Wallace K. Fung, head of the Test Engineering Division, Parachute Systems Department; Roger W. Grenier, head of the Systems Safety

Branch, Product Assurance Division, Engineering Department; Robert N. Juarez, Jr., Program Manager for 20mm CAU-12 in the Gun Systems Branch of the Ordnance Systems Department; and Ray V. LaBorde, project manager for the rolling air frame missile proximity fuze in the Fuze and Sensors Department.

Also receiving certificates were Thomas E. Loftus, head of the Laser Systems Branch of the Aircraft Weapons Integration Department; Ernest T. Mangrum, a design engineer working on solid rocket motors in the Ordnance Systems Department; John M. Smith, head of the Advanced Technology Projects Branch of the Fuze and Sensors Department; and Billy E. Waldon, an aerospace engineer working in the vehicle design ACIMD program in the Ordnance Systems Department.

### Microelectronics Br. schedules tour for JPs, summer workers

Junior professionals, summer hires, and other interested persons are invited to attend a tour of the Fuze and Sensors Department's Microelectronics Branch next Wednesday, July 14, starting at 1 p.m.

The tour will cover hybrid microcircuits, integrated circuits, thin-film capabilities, failure analysis and the scanning electron microscope, and energy-dispersive X-ray capabilities.

Reservations to join the tour, which is limited to 15 persons, can be made by calling Donna Malone at NWC ext. 3100 or 3115.

If enough interest is generated, other tours will be scheduled at a later date.

### Promotional opportunities

Applications (Standard Form 171) should be put in the drop box at the Reception Desk of the Personnel Dept., 505 Blandy. Unless otherwise specified in an ad, applications for positions listed in this column will be accepted from current permanent NWC employees only. All others desiring employment at NWC may contact the Employment-Wage & Classification Division, Code 092, 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. Advertising positions in the Promotional Opportunities column does not preclude the use of alternative recruiting sources in filling these positions. The filling of these positions through Merit Promotion is subject to the requirements of the DoD Program for the Stability of Civilian Employment. The minimum qualification requirements for all GS positions and positions subject to the Demonstration Project are those defined in OPM Handbook X-118; those for all wage system positions are those defined in OPM Handbook X-118C. Applicants will be evaluated on the basis of experience, training, education, and awards as indicated in a written record consisting of a SF-171, at least one supervisory appraisal if it can be obtained, and any tests, medical examinations, interviews, and supplemental qualifications requirements that may be necessary. For managerial/supervisory positions, consideration will be given to applicant's support of the Equal Employment Opportunity programs and objectives. Applicants must meet time in grade and qualifications requirements by the closing date of the ad. The Naval Weapons Center is an Equal Opportunity Employer: selections are made without discrimination for any nonmerit reason.

**Announcement No. 26-324, Custodial Work Inspector, WG-3564.4, JD No. 714N, Code 26822** — Status eligible will be considered. Position is located in the Contract Operations Branch, Facilities Support Contract Division, Public Works Department. Incumbent will perform inspections of maintenance and service work performed under contract which includes custodial services grounds care, street and runway sweeping, refuse and garbage collection, road treatments, hood vent and exhaust systems cleaning, carpet installation, and overhaul of plant equipment. Assures that proper trade practices are followed. Prepares daily reports on contractor performance noting deficiencies. Job Relevant Criteria: Ability to inspect; work practices; ability to interpret instructions and specifications; dexterity and safety. Note: Supplemental Qualifications Statement is required and may be picked up in room 100 of the Personnel Building.

**Announcement No. 08-036, Budget Clerk, GS-561.4, PD No. 7780944K; Budget Assistant, GS-561.3, PD No. 7780929M; with promotion potential to Budget Assistant, GS-561.4, PD No. 8208015N, Code 0833** — This position is located in the Office of Finance and Management, Budget Division, R&D Budget Branch. The incumbent is a Budget Clerk/Assistant and provides service to the branch through various financial management advisors and budget analysts. Performs financial management and policy advice to technical departments and staff, and provides liaison on matters concerning financial management policies and procedures and on status of projects between the operating department and the Office of Finance and Management. Job Relevant Criteria: Knowledge of Navy and NWC budgeting and accounting procedures; ability to exercise tact and good judgment; and ability to work under pressure. Status eligible accepted.

**Announcement No. 08-031, Budget Analyst, GS-560.9, PD No. 7780934E or GS-560.11, PD No. 7780942E, Code 0833** This position is located in the Office of Finance and Management, Budget Division, R&D Budget Branch. The incumbent provides financial services to one or more operating departments, including guidance of financial staff. Is responsible for all phases of budget execution, formulation, control and monitoring of direct, overhead, and capital budgets. Analyzes manpower vs. funding and workload, identifies critical problems and recommends solutions, and is responsible for identifying system errors and inaccuracies. Job Relevant Criteria: Ability to gather and analyze raw financial data; ability to communicate effectively, both orally and in writing; ability to work rapidly and accurately with names, numbers, codes and symbols; ability to meet deadlines under pressure.

**Announcement No. 02-022, Budget Analyst, GS-566.11, PD No. 7780942E; or Financial Management Advisor, DA-501.3, PAC No. To be assigned, Code 0832** — This position is located in the Office of Finance and Management, Budget Division, Support Budget Branch. The incumbent of this position is a journeyman financial management analyst who is responsible for providing financial management and policy advice to technical and support departments and staffs, and for providing liaison on matters concerning financial management policies and procedures and on status of projects between RDT&E and support operating departments and Center management. Provides a full range of financial management services to assist more operating departments, primarily serving as FMA to the department head, and as liaison on financial matters between the department head and the Office of Finance and Management. Will participate in in-depth studies/analyses on special projects of interest to either Center or operating departments. Job Relevant Criteria: Ability to gather and analyze raw financial data; ability to communicate effectively, both orally and in writing; ability to work rapidly and accurately with names, numbers, codes, and symbols; ability to meet deadlines under pressure. An understanding of the Center's Facilities Management program is desirable.

**Announcement No. 1459, Interdisciplinary General/Managerial/Industrial Engineer, DP-801/830/861/894-3, PAC 8236436E45, Code 3462** — This position is located in the Engineering Support Branch, Fleet Engineering Division, Engineering Department. Incumbent plans, schedules, coordinates and/or conducts detailed phases of technical work in part of a major project or in a total project of moderate scope. Conceives, plans and/or conducts research work, design, development, and/or

### 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.

**Announcement No. C-42-39, Electronics Engineer, DP-855-2/3, PAC 8142512E, Code 62412** — This position is located in the Engineering Support Section, Telemetry Systems Branch, Telemetry Division, Range Department. Duties include the design, development and integration of electronic device associated with radar and aircraft telemetry systems. If interested or for additional information, contact Larry Harlan, Code 62412, ext. 2621.

tests and evaluation in problem areas of various systems/missile programs; develops or tests new or improved equipment or subsystems that significantly add to operability and usefulness. Job Relevant Criteria: Knowledge/experience in development, production, field support of guided missile air components (warheads, rocket motors, air frames, wings, fins, electromechanical devices such as S&As, arming and firing devices, etc.); explosives/propellant loading and processing. Experience with Navy procurement and systems acquisition process including production data packages, configuration control and contractor interface; ability to work as a member of a team; ability to communicate clearly and effectively, both orally and in writing.

**Announcement No. 26-331, Housing Project Assistant, GS-1173.5, PD 80026004N, Code 2652** — Position is located in the Personnel Support Branch, Housing Division, Public Works Department. Incumbent will receive and process applications for base housing. Incumbent assigns quarters, schedules check-in, pre-termination and termination inspections of quarters, and maintains occupancy records. Incumbent is responsible for the collection of sundry charges, and maintenance of collection and accounting records. Duties also include counseling military and civilian employees who request assistance in locating housing in the local community, and assisting them in locating suitable housing. Job Relevant Criteria: Knowledge of DoD housing regulations; ability to tactfully handle contacts with tenants and the public; knowledge of NWC family housing guidelines; ability to keep accurate records and prepare reports. Note: Previous applicants need not reapply.

**Announcement No. 39-013, Secretary (Typing), GS-318-4/5, PD No. 8237004N, Code 3908** — This position is located in the Sparrow Program Office, Weapons Department. There are two secretarial positions in this office, which share responsibility for providing all secretarial support required. Duties include, but are not limited to: typing and editing of handwritten drafts and providing proof distribution; receiving and directing visitors and phone calls; receiving and distributing incoming mail; preparing forms; making travel arrangements; preparing meeting agendas; making weekly mail; ability to review outgoing correspondence; ability to compose correspondence and/or to prepare non-technical reports; knowledge of filing systems and files management; ability to meet the administrative needs of the office; ability to train clerical personnel and organize workload of clerical staff or processes; ability to plan and coordinate supervisor's calendar and to arrange conferences. Supplemental Qualifications Statement required along with the complete SF-171. Promotion potential to GS-5.

**Announcement No. C-42-38, Mechanical Engineering Technician, DT-802-2, PAC 8262544N, Code 42117** — This position is located in the Mechanical/Ordnance Support Section, Ballistics Test Branch, Ordnance Test and Evaluation Division, Range Department. The incumbent assists in setting up and conducting propulsion and related static ordnance tests throughout the general Skytop test area. Also, the incumbent is involved in the fabrication, repair, and modification of test fixtures, hardware, and support equipment. Job Relevant Criteria: Knowledge of ordnance devices and materials; knowledge of engineering test hardware, fixtures, and handling equipment; ability to work well with personnel at all levels. Promotion potential to DT-3.

**Announcement No. 31-063, Interdisciplinary, Computer Scientist, Physicist, Electronics Engineer, Mathematician, PAC 8231573, DP-2/3, Code 3194** — These two vacancies are in the Tactical Software Engineering Division of the Aircraft Weapons Integration Department. The incumbents will be software engineers for the integration of weapons with the A-6 aircraft systems. These weapons include MRASM, HARM, HARPOON (IC), and Maverick. The positions will involve investigation of the launch platform requirements for the weapons, aiding in the design of the interface unit and its software, and defining the requirements for the current A-6 computer system. The incumbent will then participate in the software development projects resulting from the

### DIVINE SERVICES

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Sunday Worship Service	1000
Sunday School	0830
ROMAN CATHOLIC	
Sunday Masses	0830 & 1130
Daily Mass (except Saturday)	1135
Sunday Religious Education Classes	1000
JEWISH	
Friday in the East Wing	1930
UNITARIAN	
Sunday, Annex 95, as announced	1930

### Creeks swollen by rain, melting snow make trout fishing tricky

The storm that hit the Sierra last week, dumping a lot of new snow and rain, increased the flow in creeks that were already running high and fast, making fishing more difficult for the novice angler.

Fishing in southern Inyo is fairly slow, although some bass and catfish are being taken from the Owens River near Independence and Big Pine.

In the creeks and streams throughout the southern Inyo region, worms and red eggs are the best bets to catch the elusive trout.

Golden trout fishermen can now hit Cottonwood Lakes 5 and 6, and golden trout fishing is also rated as top notch in the Tunnel Meadow-Kern Plateau area. (Anglers are reminded, however, to be sure that they are fishing in a legal area when they go after the goldens; many of the lakes and streams in which goldens can be found are protected.)

Lake Sabrina at Bishop had lots of people who were catching limits of pan-sized trout on eggs, cheese and worms, while at North Lake the most fish were being caught on garlic cheese and eggs.

At Bishop Creek the worms were also bringing in pan-sized trout. The creeks are all still quite high, which limits fishing somewhat. South Lake has a different problem — it's still low, but it is rising about two feet per day. Fly and bubble, and green

### Softball results . . .

(Continued from Page 7)  
Import Center 16, Mixed Nuts 1; PRC-Ridgecrest Engineering 11, Smith Concrete Construction 6; Ridgecrest Electric 14, JD's 1; High Desert Home Center 13, Bill Wright Painting 10; and M&M's 18, PRC-Ridgecrest Engineering 13.

The High Desert Temporaries, who are a game off the pace in the Women's Division, had no problems hammering out a convincing win over Smith Concrete Construction. HDT had an 18-run lead before the opposing team scored its first run in this 5-inning game. Longest hits of the game were triples by Linda Rolfs of HDT and Debbie Reeves of Smith Concrete Construction.

In another lopsided contest, the High Desert Import Center finished strong by scoring 12 runs in its last two innings at bat enroute to a 16-1 win over the Mixed Nuts, who had only one win to show for their efforts as of July 2.

Smith Concrete Construction absorbed its second loss during the week by a score of 11-6 at the hands of PRC-Ridgecrest Engineering. A 3-base blast by Jenny Wutzke for PRC-Ridgecrest Engineering was the longest hit of the game.

JD's fell behind 10-0 before scoring its only run of the game against Ridgecrest Electric, which went on to win this one by a final tally of 14-1. Cheryl Madrid hit a home run, a double and a single in 4 times at bat for the Electricians.

High Desert Home Center overcame a 10-9 deficit by scoring 4 runs in the fourth inning to chalk up a 13-10 win over Bill Wright Painting.

In another close game, the M&M's, who had trailed PRC-Ridgecrest Engineering 13-12, scored 6 runs in the sixth and final inning of this game to win it 18-13.

### Rabbit season now open; hunting prospects good

California's rabbit hunting season is now open and prospects are rated good for the 90,000-plus hunters who each year take to the field after these elusive animals.

The open season on brush, cottontail and pigmy rabbits and various hare will continue through Jan. 30, 1983, statewide, with a bag limit of five per day and five in possession in most areas.

The exception to this is Lassen, Modoc, Shasta and Siskiyou Counties where, because rabbits are more numerous, the limit is 10 daily and 10 in possession.

Jackrabbit hunting is open all year with no bag or possession limit.

mosquito-body flies are what the fish like there.

Rock Creek fishing is very poor because of the high water, but Rock Creek Lake is great for catching trout on marshmallows. Convict Lake, next up the line, has good shore fishing with worms and marshmallows. Those who like to get out on boats and troll deep are reporting that Dave Davis and Rapala lures and night crawlers are all proving tasty to the fish.

Fly fishermen who like Hot Creek report that the best dry fly fishing has been with grey sedge and King's River caddis, and the best wet flies are olive green caddis pupa, and cream caddis larva.

Anglers at Crowley Lake who are trolling with Needlefish, Dave Davis, Ford fender and Flatfish are hauling in the trout. Purists who prefer bait also report good success with Zeke's floating bait.

Lake Mary and the Twin Lakes are the most fishable of the Mammoth Lakes right now. Eggs and worms are the way to go to bring home a good supper of trout.

The upper Owens River has trout that like night crawlers. At the Benton Crossing bridge, rooster tails, small Rapalas, muddler minnows and Matukas entice the trout to bite. In the lower Owens, salmon egg clusters are what bring limits of trout.

The weather has been calm and beautiful at the June Lake loop. At Gull Lake the fishing has been especially good with Needlefish, fishing at Silver Lake is best during either early morning or late afternoon to evening, and at Grant Lake the fishing is by far the best from the shore during evening hours.

At the Bridgeport Reservoir the fishing is fair to good for pan-sized trout. Use eggs and worms here, although cheese is pretty good as well. Upper Twin Lake at Bridgeport is producing lots of good Kokanee with Dave Davis lures.



**HEALTHY ACTIVITY** — An aqua aerobics class, offered by the Recreational Services Department and taught by Joan Renner, provides a good opportunity for women to participate in a healthy exercise program. The initial session of this class, which is held on Mondays and Wednesdays from 10 to 11 a.m. at the Commissioned Officers' Mess swimming pool is about to conclude, and another session (on the same days and times) will begin on Aug. 2. In aqua aerobics, the added pull of the water against the muscles of the body augments the normal stress of kicking, reaching and stretching and twisting exercises that are a part of the routine. There is a registration fee of \$24 for session No. 2 of the aqua aerobics class, which will continue through Aug. 25. Those interested can sign up for this class at the Center gym office. — Photo by PHAA Rebecca Carpenter

### Fishing continues slow at Lake Isabella

Many anglers at Lake Isabella this last week felt that there may have been more fishermen than fish. Fishing is still somewhat slow in the lake, but is picking up and is expected to pick up still more once the water starts receding.

Currently the lake is nearly at its capacity of about 570,000 acre-feet, with the level of the water rising very slowly.

Those who like catfish have happily been hauling them out of the water in the south

fork area. Some catfish are also being caught near Camp Nine.

Bluegill — small, but delicious — are being caught from the banks all around the lake, and bass are also biting well. Department of Fish and Game personnel warn that the limit for bass is five bass of any size per person.

Trout fishing in Lake Isabella is slow, and only skilled anglers are getting them in any quantity from the Kern River.

### Promotional opportunities

(Continued from Page 2)  
requirements definition of the interface unit software and for the embedded computer system of the A-6 aircraft. Job Relevant Criteria: Ability to communicate well both orally and in writing. Familiarity with good software analysis and design practices. Experience with avionics or weapon systems. Applications accepted from status eligible.

**Announcement No. 31-062, Interdisciplinary, Aerospace/Electronic/General, Mechanical Engineer or Physicist, DP-3, PAC 8231597, Code 3103** — This position is in the Aircraft Weapons Integration Department, A-4M/AV-8B Program Office. The incumbent will be responsible for overall avionics aspects of the AV-8B weapon system including definition of system/subsystem requirements, constraints, interfaces, integration of hardware/software elements, and subsystem tests. Tasks for which the incumbent is responsible include: planning, coordinating and conducting investigations of existing aircraft system designs, operations and capabilities; performing feasibility studies to meet new requirements; and engineering studies to incorporate avionics and weapon delivery system changes. These duties will include coordination with tactical software engineers and utilization of sophisticated integration facilities. As a key member of the Weapon System Support Activity (WSSA) team, the incumbent will be required to maintain close liaison with the prime contractor (MCAIR), subcontractors, and participating field activities. Job Relevant Criteria: Knowledge of avionics systems engineering, digital subsystems, and integration; electronics engineering fundamentals, as they apply to digital electronics, microprocessors, and digital interfaces. Software experience, with development, integration, or testing for aircraft at the system level is highly desirable. Applications accepted from status eligible.

**Announcement No. 31-063, Interdisciplinary, General Engineer, Mathematician, Computer Scientist, Physicist, Electronics Engineer, PAC 8231573, DP-2/3, Code 3194** — (4 Vacancies) — These positions are in the Tactical Software Engineering Division of the Aircraft Weapons Integration Department. The incumbents will be software engineers in the F/A-18 Branch, and as such will plan and carry out tests of the software in the F/A-18 embedded computer system and perform weapon system and/or avionics subsystem requirements analysis and definition. Job Relevant Criteria: Ability to plan, schedule, coordinate and conduct technical work as part of a major project. Background in electronics and/or software. Applications accepted from status eligible.

**Announcement No. 31-064, Interdisciplinary, General Engineer, Mathematician, Computer Scientist, Physicist, Electronics Engineer, PAC 8231574, DP-2/3, Code 3194** — (4 Vacancies) — These positions are in the Tactical Software Engineering Division of the Aircraft Weapons Integration Department. The incumbents will be software engineers in the AV-8B section of the F/A-18 Branch, and as such will plan and carry out tests of the software in the AV-8B embedded computer system and perform weapon system and/or avionics subsystem requirements analysis and definition. Job Relevant Criteria: Knowledge of the hardware and software aspects of military systems and subsystems; understands the software life cycle support process of military software; ability to plan, schedule, coordinate and conduct technical work as part of a major project. Background in airborne avionics and software. Applications accepted from status eligible.

**Announcement No. 31-065, Interdisciplinary, Computer Scientist, Physicist, Electronics Engineer, Mathematician, PAC 8231574, DP-2/3, Code 3192** — (2 Vacancies) These positions are in the Aircraft Weapons Integration Department. The incumbents will be software engineers in the A-6 software development team, and as such will be redesigning the A-6 software through the use of structured analysis and design principles and modern software practices. The positions will involve investigation of software technology advances and determining which may be applicable to the embedded computer systems in Navy attack aircraft. Job Relevant Criteria: Familiarity with state-of-the-art advances in software technology; ability to communicate well, both orally and in writing. Applications accepted from status eligible.

**Announcement No. 31-066, Interdisciplinary, Electronics Engineer, Computer Scientist, Mathematician, Physicist, PAC 8231592, DP-2/3, Code 3195** — This position is in the Design and Fabrication Branch, Sensors System Division of the Fuze and Sensors Department. The incumbent will be responsible for the mechanical design of components used in fuzes, sensors, and related hardware. Duties include the coordination of the planning and scheduling of the required designs with the various programs as well as estimating fabrication costs and completion times. Additional duties will involve the evaluation/redesign of existing designs of the interface between fuze/warhead, antenna-missile and other related areas. Job Relevant Criteria: Ability to coordinate projects. Design experience. Ability to deal with other people at all levels within NWC.

**Announcement No. 35-092, Interdisciplinary Position, Physicist, Electronics Engineer, Mathematician, DP-1316/855/1528-3, PAC No. 8235332E, Code 3512** — Position is located in the EW Analysis Branch, Systems Sciences Division of the Electronic Warfare Department. Incumbent designs and implements computer simulations of EW/ES radars, electronic countermeasure systems, and ECM/IR threat encounters. These simulations are pre- and post-flight assessment tools for use with EW/ES flight tests. The simulations predict ECM/threat encounters and incumbent analyzes the detailed results of tests. The incumbent will work with replica engineers and other laboratory facilities that simulate this phenomena in other modes. While the need for on-the-job training for the Job Relevant Criteria indicated below is anticipated, a basic background in computer programming, radar physics, and system digital simulation is mandatory. A background in analog simulations would be beneficial. Job Relevant Criteria: Knowledge of ECM simulations and servomechanical simulations; knowledge of basic radar systems and ECM techniques; knowledge of computer

programming (high order languages); knowledge of programming at the PROM level; ability to work as a team member; and ability to communicate effectively orally and in writing.

**Announcement No. 35-091, Interdisciplinary Position, Physicist, Electronic Engineer, Mathematician, Computer Specialist, DP-1316/855/1528-2, PAC No. 8235334E, Code 3512** — Position is located in the EW Analysis Branch, Systems Sciences Division of the Electronic Warfare Department. Incumbent performs programming and computer-related project engineering on threat radar and ECM simulations. The incumbent will work with a number of project engineers and managers to produce and implement computer simulations of various systems. A primary function of the position is to assist in the translation of engineering requirements into practical and well documented computer programs. This position is to be under the supervision of a DP-3 S&C. A background in radar, ECM, and system simulation applications is desired. Job Relevant Criteria: Knowledge of high order computer languages and machine language; ability to work as a team member; ability to communicate orally and in writing. Position has promotion potential to DP-3.

**Announcement No. 35-090, Secretary (Typing), GS-318-3/4, PD No. 8035900N, Code 3514** — Position is located in the Systems Analysis Branch, Systems Sciences Division of the Electronic Warfare Department. Incumbent will provide secretarial support to the branch and branch head such as maintaining calendar, receiving visitors and phone calls, receiving and distributing incoming mail, preparing timecards, travel orders and itineraries, purchase orders, arranging travel, etc. Job Relevant Criteria: Ability to perform receptionist and telephone duties; ability to review, control, screen and distribute incoming mail; ability to review outgoing correspondence; ability to compose correspondence and/or to prepare non-technical reports; knowledge of filing systems and files management; ability to meet the administrative needs of the office; ability to train clerical personnel and organize workload of clerical staff or processes; ability to plan and coordinate travel arrangements; ability to maintain and coordinate supervisor's calendar and to arrange conferences. Supplemental Qualifications Statement is required and may be picked up at the Personnel Building, Rm. 100.

**Announcement No. 35-093, Electronics Engineer, DP-855-3, PAC No. 8235346E, Code 3522** — Position is located in the Advanced Technology Branch, Code 3522, RF Development Division of the Electronic Warfare Department. The position is an electronics engineer who will perform as system engineer at the project level for a variety of ERASE projects that may typically include Advanced ARM Seeker, Air-to-Air ARM Seeker, etc. Job Relevant Criteria: Broad knowledge of the integration of major subcomponents to ensure performance as a system; ability to interact with personnel at all levels within and outside the government and to prepare and present oral briefings; ability to organize and coordinate activities of personnel across organizational lines; ability to prepare program plans detailing tasks, resources required, and cost/schedule estimates; broad knowledge of electronic warfare principles and practices with specific application to lethal defense suppression (missile guidance and/or targeting avionics); and knowledge of RF sensors/receivers or processors relating to guidance and control. This is a readvertisement of Announcement 35-082.

### The Rocketeer

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Naval Weapons Center  
China Lake, California

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Phones



### China Lake Little Leaguers to play team from Bishop

A 14-member all-star team representing the China Lake Little League will travel to Lone Pine tomorrow for the opening of the annual Area 1, District 51 post-season baseball tournament.

A parade starting at 11 a.m. will precede the first game in this tournament, which will draw teams from Ridgecrest, Searles Valley, and Bishop, in addition to the host Owens Valley contingent and the China Lake all-stars.

First game for the China Lakers in this double elimination event will be against the Bishop all-stars at 1 p.m. Saturday.

Little Leaguers voted onto the tournament team that is representing China Lake are Joe Norris, Charlie Knowles, Jeremy Wise and Tony Avitia, of the Wildcats; John Hawley, David VanderHouwen, and Donald Ashton, of the Tigers; Jimmy Knight, Steve LeBoeuf, Matt Surprenant, and Steven Kay, of the Yankees; Keith Carey and David Vie, of the Dodgers; and Chris Guilmette, of the Red Sox.

Because the 1982 China Lake Little League Major Division baseball season ground to a halt in a disagreement over an interpretation of the league rules, a playoff to decide the Major Division champ was cancelled and the Wildcats, winners of the first half of the season, and the Tigers, who came out on top in the second half, were declared co-champs.

Consequently, the all-stars have as their co-managers Art Gustat and Ron Frey, of the Wildcats and Tigers, respectively, and co-coaches David VanderHouwen and Chuck Knowles, while Steven Vie is handling the role of business manager.

The Tigers and Wildcats finished the regular season of play in the China Lake Little League Major Division competition with won-loss records of 11-5 and 10-6, respectively. Other Major Division teams, and their 1982 records, were Dodgers, 8-3; Yankees, 7-9; and Red Sox, 3-13.

The winner of the Area 1 tournament at Lone Pine will advance to the District 51 competition that will be hosted by the El Dorado Little League of Lancaster.

### Commander's Cup bowling match scheduled July 21

A new year of Commander's Cup athletic competition for military personnel will get underway on Wednesday, July 21, with a bowling match starting at 1 p.m. at Hall Memorial Lanes.

Eight-member teams, each of which must include at least one woman bowler, will compete for NWC Blue, NWC Gold and VX-5.

Those interested in taking part in this event should contact one of the following: For NWC Gold, HM2 Harold Parker, call 2911, ext. 219; for NWC Blue, AA Billy McNabb, phone NWC ext. 5517; and for VX-5, call LI2 Frank Lambert at NWC ext. 5236.

### Early signups slated by Youth Football League

Early signups for the Indian Wells Valley Youth Football League will be held tomorrow from 9 a.m. to noon at Kelly field on the Murray Junior High School campus.

Other signup dates are Aug. 7, 14, and 21, at the same place and time.

Youngsters from 8 to 14 years of age are eligible. The price for playing in the league is \$40 for one child per family, \$80 for two, and \$100 for three or more.

Anyone seeking further information may telephone Jackie Griffin after 8 p.m. by dialing 446-5620.

## 2 teams set pace in Softball League Men's Div.

Two teams, each with identical records of 12 wins and 1 loss, are continuing to set the pace in the National and American Division of the Ridgecrest Recreation Department's Slow Pitch Softball League.

The Blackhawks, who posted wins of 22-15 and 16-1, over the Homestead and ARCS teams, respectively, are atop the National Division, while the Sports of All Sorts/Ridgecrest Animal Hospital squad, which shut out ERA/Best Realty 8-0, leads the American Division.

Rick Noland and Al Chieze were 4 for 4 and 3 for 3, respectively, and each hit a

home run in leading the Blackhawks to their win over the Homestead. In addition, Bill Bradberry had 2 triples and 2 singles in 4 times at bat for the 'hawks.

The National Division leaders piled up 19 runs in the first three innings of their game with the Homesteads, which was enough to wrap up the win.

Brandt Tunget pounded out 2 homeruns for the Blackhawks, who cruised to an easy 16-1 victory over ARCS. A single run in the second inning of this 5-inning contest was the only tally for ARCS.

Dell Kellogg gave up 9 hits but none of

them produced a score in the shutout 8-0 win registered by Sports of All Sorts over ERA/Best Realty.

Vaughn's moved into second place in the National Division on the strength of wins by scores of 10-7 and 20-15 over the Knights and Mikel's Home Furniture, respectively.

Trailing 7-5 after five innings of play, Vaughn's pushed across 5 runs in the sixth inning to overcome an earlier lead by the Knights. Jim Bevan (5 hits), Ken Dorrell and Dwayne Fojt (4 hits each) batted 1.000 as between them they picked up 13 singles.

Mikel's Home Furniture closed strong by scoring 8 runs in its final two times at bat, but the early lead built up by Vaughn's was enough to insure this team a 20-15 victory. Ted Bailey of Vaughn's and Frank Salas of Mikel's both had 5 hits in 5 times at bats.

Scores of other games played in the Men's Division of the Slow Pitch Softball League were Renegades 8, Clancey's 4; ARCS 30, Mikel's Home Furniture, 9; and Homestead 18, Knights 6.

The Renegades overcame a 4-2 deficit by scoring 6 runs in the last half of the sixth inning to defeat Clancey's 8-4. Longest hit of the game was a triple off the bat of Terry Mangrum for the 'gades, who also collected 2 singles as he turned in a 3 for 3 performance at the plate.

ARCS made it tough on the winless Mikel's Furniture team by scoring 14 runs in the last two innings of their game to win, going away, by a final tally of 30-9. Two home runs by Gritton and one by Turner sparked the 41-hit attack by ARCS.

The Homestead team scored early and continuously as it wrapped up an 18-6 win over the Knights. Homerun hitters were B. J. Winterley for Homestead and Art Hickle for the Knights.

### CSC LEADS WOMEN'S DIV.

CSC retained its lead in the Women's Division of the Slow Pitch Softball League by winning three games last week. On consecutive nights, CSC posted lopsided wins by scores of 21-2, 16-3, and 12-1 over Bill Wright Painting, the Mixed Nuts, and Ridgecrest Electric.

A 10-run fourth inning that was followed up by 7 more runs in the fifth and final frame powered CSC's win over the Bill Wright Painting squad. Sue Hunsaker had a triple and 3 singles in 5 times at the plate for CSC, while Pat Brightwell, also of CSC, hit a triple and a single in 3 times at bat.

The Mixed Nuts got on the scoreboard with 3 runs in the fourth inning of their 5-inning tilt with CSC, but by then it was too little, too late since CSC had already chalked up 14 runs and added 2 more to win 16-3.

CSC handed the third loss of the season to Ridgecrest Electric — making it look easy by holding the Electricians to a single run in the second inning enroute to a 12-1 victory. Kathy Labato had 3 hits in 4 times at bat for CSC, including a triple and 2 singles.

Scores of other Women's Division games were High Desert Temporaries 20, Smith Concrete Construction 2; High Desert

(Continued on Page 7)

Ridgecrest Recreation Slow Pitch Softball League Standings as of July 2:			
Team	Won	Lost	Tied
<b>National Men's Div.</b>			
Blackhawks	12	1	
Vaughn's	9	4	
Homestead	8	5	
ARCS	6	7	
Knights	4	9	
Mikel's Home Furniture	0	13	
<b>American Men's Div.</b>			
Sports of All Sorts/RC	12	1	
Animal Hospital	12	2	
Renegades	9	4	
ERA/Best Realty	9	4	
CSC	3	9	
NWC Varsity	3	9	
Clancey's	2	11	
<b>Women's Div.</b>			
CSC	13	1	
High Desert Temporaries	12	2	
High Desert Home Ctr.	10	2	1
Ridgecrest Electric	11	3	1
High Desert Import Ctr.	8	5	
M&M's	6	7	
Bill Wright Painting	4	10	
PRC-Ridgecrest	4	10	
Engineering	4	10	
J.D.'s	3	11	
Smith Concrete	3	11	
Construction	3	11	
Mixed Nuts	1	13	



CLOSE PLAY AT 1ST BASE — Lee Brandt, a player for the Yankees, was tagged out at first base on this play during last week's exhibition game between a team of China Lake Little League 12-year-old players and the Major Division's coaches and managers. The play at first was made by Ron Frey, manager of the Tigers, who was the pitcher for the adult team. Looking on at left is the first baseman, Robert Begin, coach of the Red Sox. In what was described as a fun game for participants and spectators alike, the Little League youths defeated the adults by a score of 21-11. That same evening, announcement was made regarding selection of the players on the China Lake Little League all-star team.

## Colt League all stars to vie in tournament tonight at Palmdale

An all-star team representing the Indian Wells Valley Colt League will travel to Palmdale this evening for the opening round of play in a post-season, double elimination tournament.

The IWV team will clash with Sylmar in a game scheduled to get underway at 7 o'clock in Palmdale.

Manager and coach of the local tournament team are Steve Kaupp and Jim Means, respectively, and the 15-player group includes eight from the Braves, champions of the IWV Colt League.

All-star players from the Braves are Don Easton, Kevin Blecha, Tim Lewis, Mark Kaupp, Jamie Johnsen, Ted Hopkins, Tito Mariano, and Vince Atencio.

The remaining members of the IWV Colt League all-stars are Trevor Carey, Dan Allen, Chad Carrasco, and Jimmy Harwood, of the Cardinals; Jeff Markarian and Leon Moran, of the Pirates; and Harvey Nash, of the A's.

Steve Kaupp, manager of the Colt League all-stars, reports that there are several returnees from last year's squad that entered this same tournament and, consequently, it is a more experienced group than was the 1981 team.

The 1982 contingent also has the potential for more power hitting, but the Achilles' heel is in the pitching department. There are five players on the all-star squad who have performed regularly on the mound during the past season, but none may be up to the calibre of hurlers he expects to encounter in this all-star competition, Kaupp said.

Prospective pitchers for the IWV Colt League all-stars Tito Mariano, Mark Kaupp, Dan Allen, Leon Morgan and Harvey Nash.

Of those chosen for the IWV Colt League

all-star team, 11 were picked by a vote of other players in the league and 4 by the manager and coach of the all-stars.

The Braves' dominance of regular season play explains why half of the all-star group was selected from that team.

The Colt League champs posted a record of 10 wins and 2 losses, compared to 8-4 for the second place Cardinals. The runners-up and their won-loss records were Pirates 5-7, and the A's, 1-11.

The Braves fielded an excellent all-round team that included the Colt League's two leading pitchers. They were Tito Mariano and Mark Kaupp, who logged 6-1 and 4-1 records, respectively.

In addition to good, strong pitching, the Braves had potent batting with a team average of .364. Team leaders and their batting averages were Kaupp (pitcher and first baseman) .583; Timmy Lewis (short-stop) .500; Jamie Johnsen (2nd base) .433; and Don Easton (catcher) .413. Several of the other players on the Braves had batting averages well above .300.

According to Steve Kaupp, team manager, the players for the Braves learned to be disciplined at the plate as they waited out the opposing pitcher until they were served up a ball they could hit.

As a consequence, they averaged more than 14 runs per game while holding opposing teams to 3.

The championship of the Colt League season came down to the final two games between the Braves and Cardinals, with both teams tied for the lead with records of 8 wins and 2 losses.

The Braves, who were at their peak, annihilated the Cards 40-1 on June 29, and then came back in the season finale on July 1 to win 13-3 in a rematch.

## The Skipper sez



All China Lakers, including military personnel, civilian employees, and their dependents are invited to submit questions to this column. Such queries must be in good taste and pertain to matters of interest to a large segment of the China Lake community. Answers to these questions are directly from Capt. Lahr. Please call NWC ext. 7737 with your question and state whether you are a military member, civilian employee or dependent. No other identification is necessary. Since only three or four questions can be answered in the Rocketeer each week, anyone who would like to ensure getting an answer to a question may leave name and address for a direct contact, but this is not required otherwise. There is no intent that this column be used to subvert normal, established chain-of-command channels.

### QUESTION

**Military** — I live in the old Duplex area. I'm calling because I'm not certain about how to contact Housing. I'm calling about the old Duplex area. A lot of yards look very bad, sir; as a matter of fact, nearby my home, is a yard that is a terrible eyesore.

When we moved in we were told that we were to keep the yard up or else. I don't know what the "or else" means. The people I'm referring to are civilians. Thank you.

### ANSWER

To contact the Housing Office, call 3411 ext. 318. That will get you in touch with Bill Hatfield, head of our Housing Division.

Since late 1981, the Housing Office has been conducting a yard improvement/clean-up campaign in the housing areas around the Naval Weapons Center. The old duplex area was in the most need due to the years of neglect by occupants. The appearance of the area as a whole has noticeably improved, but I agree with you that we still have a long way to go, and please believe me, the offenders are not all civilians.

Housing furnishes grass seed, fertilizer, lawn mowers, shrubs, etc., to occupants so that they can maintain their lawn areas to acceptable standards. I feel there is no excuse for a bad yard. When we identify continuous offenders who will not conform, they will be required to move off base (that is the "or else").

Contact Mr. Hatfield and discuss this problem with him. I'm sure if you haven't already seen a change, you will in the very near future. I'm glad you care enough to call, and I'm positive that your positive attitude is reflected by 95 percent of the people who live on Center.

### QUESTION

**Civilian employee** — My concern is the bike paths that are supposed to be constructed on Knox Road between the traffic circle and Capehart "B" housing area. I understand that there have been several articles in the Rocketeer that stated, "yes we're doing it, blah, blah, blah, and all that", however, I understand the money was not approved for it. Don't you think that this should take a little priority when it comes to all these people's lives, going down that narrow road and the children going to school. Could you look into this again? Thank you.

### ANSWER

I appreciate your concern for the safety of bike riders. I share that concern, especially for the school children who ride on Knox Road south of the traffic circle. The engineering design for bike lanes on each side of Knox Road is complete, and construction can be accomplished when funds are available. Unfortunately by law, this type of effort requires a special type of funding designated for minor construction. Requirements always exceed the amount available.

You can appreciate that we have to carefully evaluate all mission requirements to assure that this limited type of funding is used where it is deemed that the most benefits are derived for the entire Center. I guess that's some "blah, blah, blah," but it's the best I can do by way of explanation.

### QUESTION

**Military** — We have a little problem with stray cats in the Capehart B housing area. In the morning on trash days, most of the time our trash is torn up and spread out across the yard. The cats also do their business on our front door step and in the garden in front of our house — both my house and the neighbor's house.

If the neighbors don't take care of their cats, I'll end up taking care of them, one way or another. I'm not going to put up with it any longer. I'd appreciate any action that could be taken upon it. Thank you.

### ANSWER

I agree with you about stray cats playing havoc and being such a problem. We do have an NWC Instruction 5820.3G, Animal and Pet Control, that states in part, "owners of animals, which are harbored in their homes, must have regard for their neighbors' rights and other residents of the community." So my suggestion as to how to take care of this problem is to call the Animal Control Officer at the Ridgecrest Police Department, phone 375-5044, and ask for a cat trap. The ACO will deliver a trap to you and when the cats are caught call the ACO to have them picked up.

I'll bet that your method of "taking care of them" is more direct but I wouldn't recommend "executing" it, Mate!

## Check of local weather records shows that temperatures were a little cooler in June

June was indeed cooler than normal — but not as much as most local long time residents might imagine. The average high temperature for the month is 96 degrees; this year was a frigid 93 degrees.

What made everyone feel cooler, however, is that June usually means at least ten days of temperatures over 100 degrees, while the month just past had only five days with the mercury topping 100. The same amount of wind blew as usual, but the wind was that associated with troughs rather than thermal winds.

July is also likely to be colder than normal. It began with an all-time low temperature of 50 degrees on the morning of July 1. No other records have yet been set, but the month has just begun.

Lower temperatures are due to the Pacific high normally building at this time of the year not having had a chance to develop. The pattern of lows prevalent in the northern hemisphere this spring has been like that of winter rather than summer; since the sun is now "on its way south," the troughs that build will continue to break down highs and produce cooler weather for the rest of the summer.

Farmers who may regret not having as long or hot a growing season in the west as they ordinarily do find compensation in the increased natural rainfall that this weather pattern brings. The bigger and deeper snowpack also means more hydroelectric power — and, presumably, reduced electric rates.



SPECIAL RECOGNITION — Capt. Lahr congratulates Robert Greven after presenting him with the Commander's Award for Excellence in Mission Support. The award was based on the development by Greven of a computerized personnel records system that has assisted those responsible for the management of non-appropriated fund personnel at NWC. — Photo by Randy Eady

## Personnel manager's specialist receives Commander's Award

The Commander's Award for Excellence in Mission Support was presented recently by Capt. Lahr to Robert Greven, a personnel management specialist in the NWC Personnel Department.

Greven was singled out for this special recognition based on his achievements in the development of a computerized personnel records system that has had a significant effect on the management of non-appropriated fund personnel at China Lake.

In the citation that accompanied the award from Capt. Lahr, it was noted that "efficient operation of dining and recreation facilities has a significant impact on the morale and well-being of military and

### Air quality . . .

(Continued from Page 1)

The standard would vary with the season — it would be set separately for the four quarters of the year since weather factors vary with the seasons.

Edwards Air Force Base, also the home of NASA, for instance, gets dust and emissions from local sources in the winter. In summer it has pollution from the South Coast Air Basin to contend with, as well as small amounts of San Joaquin Valley smog. (The aerosols from the Los Angeles area and from the Joaquin Valley differ enough to make it possible to clearly distinguish the source of the pollution.)

In the summer, China Lake is affected by smog from the San Joaquin Valley, but in winter it suffers mainly from local dust and from dust and emissions in the Searles Valley.

The air pollution control districts will be initially asked for a resolution of support for protecting visibility status quo for all the instrumented ranges. When sufficient data is gathered, they will be asked for regulatory enforcement to keep the current level of visibility.

The only alternative to the desert military if such enforcement is not possible would be to redesignate portions of the R-2508 area to Class I standards. This would affect some of the bases' own activities, but would be necessary for the survival of the military and space missions if no other way can be found to protect long-term ambient visual air quality. Such a drastic step could also affect adversely any long term development of surrounding areas.

Local residents who wish to become better informed on the problem of visibility in restricted air space R-2508 and the proposed actions of the high desert military activities and NASA are invited to attend a public meeting at 7 p.m. on Wednesday, July 21, at Cactus Hall in the Community Center.

Those who attend the meeting will have the opportunity to ask questions and to comment on proposed actions.

civilian personnel."

Greven was commended for his effort to improve the processes for records management and recruiting by involving activity managers more directly in personnel management.

The Commander's Award consists of a pyramid-shaped paperweight inscribed with the recipient's name and the specific mission support-related achievement, signature of the NWC Commander, and date of the award. Also included are a letter of commendation and a stipend normally \$300.

According to Eva Bien, head of the Personnel Department, who nominated Greven for the Commander's Award, he computerized the records of current employees, and established an application file to expedite the filling of vacant positions.

"Because of the high turnover rate that is an inherent characteristic of non-appropriated fund activities, and because of ineffective recruiting practices, NWC non-appropriated fund activities often were understaffed or inappropriately staffed," it was noted by Ms. Bien. Greven alleviated this problem by computerizing the voluntary applications' file and revamping the process of recruitment and referral for vacant positions.

Greven's efforts resulted in a system of accurate personnel records; reporting, tracking and tickler systems for personnel management; conformance with non-appropriated fund instructions and guidance; and increased the confidence of managers and employees in their status in the organization.

The result, the head of the Personnel Department stated, has been improved work methods saving manpower, space and time by providing non-appropriated fund managers with the data to manage their personnel more effectively.

Greven joined the work force at China Lake in January 1978, coming here from a job that he held for two years as a Civil Service classification specialist with the Army Tank Automotive Command in Warren, Mich.

Hired as a personnel management specialist by NWC, he arranged a transfer to the Department of the Army in 1980 (with return rights to China Lake) and served two years in Seoul, Korea, as a job classification specialist at Headquarters of the U.S. 8th Army before returning here in January of this year.

Greven, who is a 1970 graduate of the University of Minnesota with a BA degree in journalism and psychology, began his civilian service career in January 1974 at the Army Arsenal in Rock Island, Illinois, following nearly 20 months on active duty in the Army during the latter part of the Vietnam War. He was based in Mannheim, Germany.

Police reports . . .

Vandalism to an employee's bicycle was reported to China Lake police on July 1.

Both the front and rear tires of a 10-speed bike that had been left parked outside the east end of Wing No. 4 at the laboratory were slashed, causing damage estimated at \$40.

DRUNK DRIVING ARRESTS

During the month of June, China Lake police made three arrests of motorists who were charged with drunk driving on the Naval Weapons Center.

Another 196 burros removed from NWC ranges during June

During the month of June, wranglers removed another 196 burros from the Center's ranges. These animals were "water trapped" — corrals were set up around water sources so that the animals were caught as they came in to drink.

The animal protection groups report that they are currently having great success in adopting out the animals that have been removed under agreements between these groups and the Navy.

The removal program is currently nearly two months ahead of schedule. All the burros are scheduled to be off Naval Weapons Center lands by August 1983, 18 months from the beginning of the removal program at the start of this year.

Feral horses . . .

(Continued from Page 1)

relationship with the mares in the group. Burro males make no permanent male-female bonds and breed indiscriminately. Because of the male-female bond, horse population growth can be controlled.

The horse is also less of a threat to native vegetation because it will not tear plants from the ground in the way that a grazing burro will. Horses also will not dominate springs and water sources in the same way that burros do, interfering with native wildlife.

Center Natural Resources Specialists favor maintaining a stable horse population. This could be done by contracting with an agency for wranglers to selectively remove horses that would then be available for adoption through the auspices of one of the humane groups.

Anyone seeking further information about the EA can telephone the Public Works Department by calling 3411, ext. 383.

Sailor, Civilian of Quarter selected by NRMC Branch Medical Clinic

Thursday, July 1, was an exceptionally happy day for HM3 Louis Gilmore and Pamela E. Rivera — they were the surprised recipients of Sailor and Civilian of the Quarter awards from the Naval Regional Medical Center branch clinic at China Lake. They were selected for the period of April 1 through June 30.

At an all-hands ceremony in the clinic lobby, Lt. Cdr. E. J. Spita, acting officer-in-charge of the clinic, presented each of them with a letter of commendation. They will have their names engraved on a plaque in the lobby of the clinic building, and their pictures will be displayed there. Each will also be assigned a special parking place for the next three months, and HM3 Gilmore will also get a special evaluation and a 96-hour liberty for his selection.

HM3 Gilmore will not be able to use that reserved parking place for longer than a couple of weeks, however, since he will be getting out of the Navy and heading to Del Mar College in Corpus Christi, Tex. On completing his studies there, he hopes to transfer to Texas A&M, where he plans to study oceanography.

When he entered the Navy four years ago, he planned to go into the electronics field, but colorblindness prevented that. His second choice was becoming a corpsman (in part because his father has a medical background as a veterinarian).

"I'm glad that I did become a corpsman," HM3 Gilmore says, "because I've found the duty extremely interesting and personally rewarding."

Navy helicopter joins in search for missing woman

The Naval Weapons Center Search and Rescue helicopter joined Tuesday in a massive search for a missing Arizona woman who was hiking in the Sierra. Along with the SAR helo, three separate teams from the China Lake Mountain Rescue Group took part in the search, along with four other search and rescue groups.

The China Lake helicopter flew more than 8 hours, mainly flying rescue teams into the more inaccessible areas to conduct the search. They were joined by eight dogs from "WOOF" used for tracking missing persons.

Also taking part in the search were a California Highway Patrol helicopter, another craft from Idaho Helicopters, Inc., that was flying under a contract with the Forest Service, and both ski patrol and snowshoe search teams.

The well-coordinated effort proved successful. The woman was found "alive and feisty," according to Lt. Cdr. Byron L. Dieckman, pilot of NWC's SAR helo.

Other NWC personnel manning the craft were Lt. Cdr. Brent Norman, co-pilot; A03 John Schatz; and HM3 Stephanie Bright.

FMA slates talk on financial management at July 20 meeting

The financial seminar entitled "Investments for the 80s" that had been scheduled by the Federal Managers' Association for its June open meeting had to be cancelled at that time and has been rescheduled on Tuesday, July 20. It is open for everyone in the community who is interested in the topic.

William Cavalier, a representative from Shearson/American Express, will speak to the group at 11:30 a.m. at the Enlisted Mess.

Those who plan to attend are asked to contact the Enlisted Mess by calling NWC ext. 2581 in advance to ensure that adequate seating will be available.

Catalog sale on at NEX

Navy Exchange patrons are reminded that there is a 10 percent reduction in the price of merchandise offered for sale in the NEX 1982 catalog. This price saving will be in effect for all orders that are received or postmarked by Aug. 8.



NAVY OFFICER PROMOTED — Capt. J. W. Patterson (at right), NWC's Chief Staff Officer, officiated recently at a ceremony during which former Ens. Kenneth Dorrell was promoted to the rank of lieutenant junior grade. Present for the occasion was Lt. Dorrell's wife, Joy, who pinned her husband's new insignia of rank on his collar. Lt. Dorrell, an NROTC graduate of the University of Nebraska in Lincoln, began his first active duty tour in the Navy at China Lake two years ago. At the present time, he is assigned to the Construction Division in the Public Works Department.

Engineer from JPL to give talk on 'Industrialization of Space'

Space Week (July 18-24), which is observed annually in commemoration of the first manned lunar landing, will be highlighted here on Tuesday, July 20, by a talk entitled "The Industrialization of Space."

Warren James, a senior engineer with the Jet Propulsion Laboratory's (JPL) Mission Planning Group, will be the guest speaker during a dinner at the Commissioned Officers' Mess. All interested persons are invited to attend this affair which is sponsored by the High Desert Engineering Association (HDEA).

James, who is now involved in mission planning for Project Galileo to Jupiter, is a 1974 graduate of Northwestern University with a BS degree in engineering science. At the present time he is finishing work on a master's degree in geophysics from St. Louis University, and is attending UCLA, where he is working on a Ph.D. in planetary physics.

The 1982 observance of Space Week closely follows the July 4th landing at Edwards Air Force base of the Space Shuttle

Columbia following its fourth and final test flight — an event that attracted worldwide attention to the U.S. space exploration program.

On the evening of July 20 at the COM, a social hour starting at 6 o'clock will precede a prime rib dinner at 7, and the program featuring the talk by James is scheduled at 8. Jerry Zaharias, NWC's automatic data processing security coordinator, will be the master of ceremonies.

Tickets to the dinner are priced at \$10 per person if purchased prior to July 17, and also will be sold at the COM for \$12 each on the night of July 20.

Tickets to the Space Week banquet can be ordered now by calling any of the following men, who are members of local chapters of engineering societies that have joined together to form the High Desert Engineering Association: Jim Serpanos, NWC ext. 3340; Bruce Bartels, NWC ext. 7510; Mort Kuratori, ext. 3395; Bob Williams, NWC ext. 6488; Mel Creusere, NWC ext. 2009; and Tony Miller, 446-2589.



HM3 Louis D. Gilmore  
Amarillo, Tex. After a little over a year at sea on completing his training, he was sent to China Lake, where his time has been spent mainly in the emergency room.

The letter of commendation to Petty Officer Gilmore notes that "Your conscientious and enthusiastic approach to quality patient care has been an inspiration to all staff members. Able to work in any department in the clinic, your flexibility, reliability, and dedicated service have enhanced clinic operations."

Both HM3 Gilmore and Mrs. Rivera, the clinic's Civilian of the Quarter, were commended in their letters for their cheerful and courteous attitudes and their helpfulness.

Her letter continues, "You are the catalyst that gives this clinic's bureaucracy some continuity resulting in a smooth and efficient-running organization. The loyalty that you have for your job and your supervisor is a personal trait that this clinic respects highly."

Mrs. Rivera was also commended for her help and determination in clinic personnel matters because "Your efforts have resulted in updated PDs, promotions, and even new positions."

Of the five years that Mrs. Rivera has spent working as a secretary at China Lake, four have been as secretary to the officer-in-charge of the clinic.

"I like being a secretary," she says. "I'm happy here and would like more administrative work on my job."

She grew up in the local area, graduated from Burroughs High School in the Class of 1964, and received an A.A. degree from Bakersfield College in 1966.

Subsequent to that, she married Dave Rivera (also a Burroughs grad). They spent several years in Pasadena and San Bernardino before returning to the local area, where her husband is employed in the Supply Department.

While they lived in San Bernardino, Mrs. Rivera worked as a medical secretary for a dermatology group. After their return to the

local area, she went to work for the Weapons Department, but when the opportunity arose for her to use her knowledge as a medical secretary, she chose to return to that field by moving to the NRMC branch clinic.

Spare time activities for Mrs. Rivera and her husband while they lived "down south"



Pamela E. Rivera  
included racing an Austin-Healy Sprite. Since their return here, their time has been taken up largely with young Brandon, their 5-year-old son, who will happily head into kindergarten this fall, and with Eagles' Lodge activities.

AD2 Van Greenfield chosen for Sailor of Month honor by VX-5

Aviation Machinist's Mate Second Class Van A. Greenfield has been selected as Sailor of the Month for May by Air Test and Evaluation Squadron Five.

The letter of commendation signed by Capt. P. F. Hollandsworth, Commanding Officer of VX-5, says that this recognition was given Petty Officer Greenfield because of his exceptional performance, personal appearance, and professionalism.

"You are to be commended for your exemplary devotion to duty, your sense of responsibility, and your outstanding application of the principles of good leadership," the letter says.

VX-5's Sailor for May says that this is his second enlistment in the Navy. He served for four years, got out and worked at a variety of jobs during the year he was out, and then was called by the recruiter to see if he would consider re-enlisting at his old rank and rate. Since he enjoyed working on military aircraft and felt that this line of work would both add to his personal knowledge and enable him to get involved with people, he took the opportunity to come back into uniform. He has been back on active duty for three years, and at China Lake since August 1980.

Petty Officer Greenfield and his wife Anita, are now expecting their first child — quite a family event, he notes, because this infant will be one of three grandchildren that his parents are expecting all at the same time. "My dad's just plain out in the

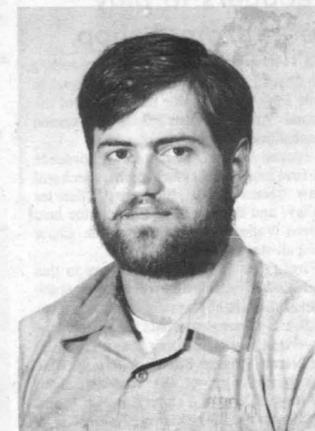
New hours of operation set at ice cream parlor

A change in the hours of operation at the Desert Freeze, ice cream parlor operated by the Navy Exchange, went into effect today.

The new hours of operation are 10 a.m. to 8 p.m. Monday through Saturday, and 12 noon to 5 p.m. on Sunday.

ozone over it," he chuckles. Spare time for AD2 Greenfield and his wife is spent in two activities: getting ready for the new baby and also working with a two-year-old — their young gelding, which they board at the stables.

Petty Officer Greenfield adds that he doesn't have spare time activities, however, because "I'm a workaholic, but



AD2 Van A. Greenfield  
it's pleasant because I've got some people working for me out at VX-5 who are truly outstanding."

For being selected as Sailor of the Month, AD2 Greenfield received a letter of commendation, a VX-5 plaque with his name engraved on it, a 72-hour pass and one month free of duty, a reserved parking space at Hangar 1 for a month — and the loan of a car from Desert Motors in Ridgecrest to put into that reserved parking space.



ENVIABLE RECORD — Floyd Wegley (at right), a motor vehicle operator, accepts a 34-year safe driving award from Cdr. D. A. Ringel, assistant Public Works Officer.

Veteran motor vehicle operator gets 34-yr. safe driving award

Floyd Wegley, a motor vehicle operator employed in the Transportation Division of the NWC Public Works Department, was the recent recipient of a 34-year safe driving award.

An employee at China Lake for the past 36 years, Wegley received the award from Cdr. D. A. Ringel, assistant Public Works Officer, during a ceremony held in the Pipe Shop conference room.

An operator of vehicles ranging from half-ton pickups to 25-ton truck-tractors, Wegley joined the work force at China Lake in 1946 and has been employed in the Public Works Department motor pool ever since. He is planning to retire in September.

A longtime member of local 442 of the International Association of Machinists, Wegley was the recipient in January 1979 of organized labor's highest award for service

to youth — the George Meany Award — in recognition of more than 14 years of volunteer leadership in the Boy Scouts of America.

Wegley's involvement with the Boy Scouts started with Troop 35 at China Lake before he assumed the responsibilities in 1971 of Scoutmaster of Troop 414, a unit for handicapped boys and young men that was sponsored by the Rotary Club of China Lake.

In addition to working with handicapped Scouts, Wegley and his wife, Anna Mae, have made their home at China Lake a haven for foster children for a number of years. They were foster parents to many handicapped children — some for just several months and others for many years.

At the present time, the Wegleys still have one foster child who has been in their home for eight years living with them.

Long range planning for computer acquisition, use underway . . .

(Continued from Page 1)

effective methods and means to provide reliable computer systems maintenance and software systems updates for all Center-owned and installed systems. Furthermore, members of this team have been asked to develop streamlined procurement procedures that can be used in conjunction with the Center-wide planning effort in order to allow acquisition of the latest technology for use as systems elements (as needed) and without the requirement to rejustify each on an individual basis.

Current automatic data production resources on the Center include three so-called "mainframe" computers. They are the UNIVAC 1100/82, the UNIVAC 1110, and the UNIVAC 1108. Two are housed in the computer wing of Michelson Laboratory, while the third one is at Echo Range.

There also are more than 300 minicomputers and microcomputers that are located primarily in the various technical departments and serve a number of roles, such as hardware-in-the-loop simulation, data acquisition, and data reduction.

Defining the functional requirements of a computer workstation is the role of the Man-Machine Interface Task Team, headed by Gene Schneider (Code 6224). Because these work stations will have to be used for several years before replacements can be considered, it is imperative that they provide not just for automated office applications, but for other scientific and technical hardware/software user access needs as well.

The Man-Machine Interface Task Team has its work cut out for it timewise, because of the upcoming release date for the final version of the procurement specification of the planned Center-wide distribution of Automated Technical Information workstations — a large, computer-related project of its own that is part of the NWC office and laboratory automating process.

Development and/or the procurement of

analytical tools needed to measure the work load and performance of existing machines is the subject area being grappled with by the Applications Definition and Projection Task Team, headed by Paul Homer (Code 391). This group also must identify and forecast the computer capabilities required to support present and potential future computer application needs.

At the present time, NWC has computers and minicomputers that were purchased to meet special project needs. Because of the limited scope for which they were intended, there is no Center-wide means of tying them together to share data or handle computations that can't be done on the host minicomputer, for example.

For this reason there is a pressing need for a Center-wide digital communication link and that area of the NWC plan for computer applications falls to the Communications Networking Task Team,

headed by Jack Crawford (Code 39D).

The main objectives of this group are (1) develop a Center-wide network of communication support facilities that can be used for all communication — instrumentation, voice, data, and video, (2) define the most cost effective technical configuration to support the various communications needs of the Center, while allowing for future growth and advancements in the technology, and (3) develop data communications systems that will allow the interconnection of present and future computers and computer access devices.

At the present time, each organization on Center that has the funding necessary to do so can establish its own ADP computer system data base and even select its own separate Data Base Management System (DBMS). Of the several in existence, none are fully compatible with each other and this has led to the development of separate

and often overlapping data bases.

To alleviate these problems, there is a Corporate Data Base Task Team, headed by Ernie Solberg (Code 02A22), involved in the Center-wide effort to develop a long-range corporate plan for data base access. This team's function is to plan the development and implementation of a Center-wide corporate data base.

Accomplishing this will require the integration of individual data base needs into a Center-wide requirements document and the development of specifications that allow procurement of a comprehensive standard DBMS for the Center.

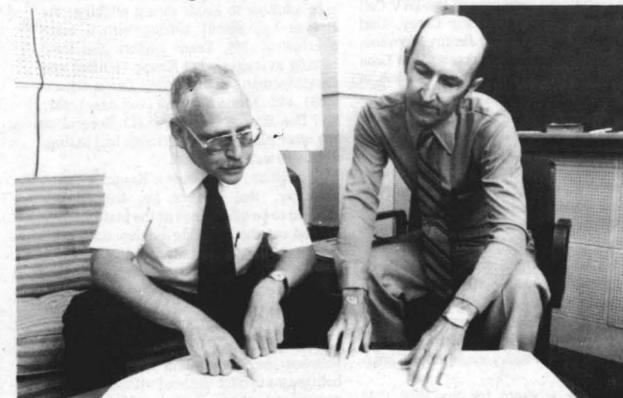
Also necessary is the development of procedures for data base implementation and maintenance procedures, providing input to existing data base projects, and ultimately the recommendation of a DBMS for the Center and converting existing data bases to it.

The success of any such long range program hinges on having the trained personnel available to implement it. Moving toward this end, there is a Personnel Development Task Team, headed by Vicki Munro (Code 094). Its charter is to review existing computer science studies and determine any known and/or anticipated personnel deficiencies on the Center related to NWC's growing needs in the field of automatic data processing.

This same group will develop courses and facilities needed to support Center-based training needs, including classrooms and laboratories, as appropriate.

Achieving the aims of the task teams will be a step toward accomplishing the goal of developing a strategic plan for computers based on the Center's long-range needs.

The task team reports will be used by the consultant, Dr. Lane, to produce several alternative strategies and plans. Center management will then review these and select the course most appropriate to the Center.



PLANS INSPECTED — Dr. Ed Royce (at left) and Jack Crawford examine a sketch of the proposed preliminary layout for a Centerwide communication system for voice, video and digital data. — Photo by Don Cornelius