



SCANDALIZED — In this scene from the CLOTA production "Flowers for Algernon," Sue Vacca (left) as Jackie Welberg and Yvonne Beyer as Mrs. Nemur discover that guinea pigs don't necessarily fit in at parties. "Flowers for Algernon" (familiar to moviegoers as "Charly") will open next Friday evening, Oct. 5, at the Burroughs High School lecture center at 8:15. Tickets are now being sold by members of the cast, the Gift Mart, and Medical Arts Pharmacy.

Talented cast selected for CLOTA stage production of 'Flowers for Algernon'

A talented cast has been selected by director Elena Vitale for the Community Light Opera and Theatre Association's production of "Flowers for Algernon," which will be staged at the Burroughs High School lecture center on Oct. 5, 6, 12, and 13.

Miss Vitale's previous CLOTA directing credits include "Who's Afraid of Virginia Wolf?" and "How To Succeed in Business Without Really Trying."

Heading the cast in the pivotal role of Charlie is Rus Stedman, who will be called on to portray genius as well as retardation in the course of the play.

Appearing as Alice, a sensitive teacher who falls in love with Charlie, will be Denise Wehle. Experimenters who make Charlie their subject will be Rud Stone as Dr. Strauss and Gerry Baker as Professor

Nemur. The role of a sympathetic laboratory assistant will be portrayed by Clay Babcock as Bert.

Members of Charlie's family will be enacted by Julie Standard as Norma, Carin Rudeen as Little Norma, Geof Wilson as teenage Charlie, Bobby Arnold as little Charlie, Jeff Gale as the father, and Gay Bland as the mother.

Other parts will be filled by Rozelle Goza as Mrs. Donner, Jean Lehmann as Mrs. Feldman, Pat White as Mrs. Mooney, Randi Thompson as Doris and Ellen, Mark Barsaloux as Joe, Tim Barnhagen as Frank, Kathy Farris as Gina, Trudy Anderson as Berniece, Coleen Wilson as Connie, Sandy Arnold as the chairlady, Sue Vacca as Jackie Welberg, Nancy Nowak as Ann Welberg, and Yvonne Beyer as Mrs. Nemur.

Heading the backstage staff and crew will be Elaine Mikkelsen as assistant director and Galen White as the technical director.

Jean Lehmann will maintain liaison with the CLOTA board of directors, while Vivian Childers is the costume coordinator. Sally Erickson will work with Reno Venturi to create the cast's makeup. Venturi will also be the production's set dresser. Set design will be the responsibility of June Deatherage.

Coordinating the properties will be Terrie Daley, and CLOTA veteran Newman Lowe will be the sound director. Mike Hasting will be lighting director.

Completing the crew will be Mark Claunch and Jim Vaughn. The latter, along with Don Kummerman, will work out some special effects for this production.

The cast has been rehearsing for several weeks and Miss Vitale promises an outstanding production.

Tickets for "Flowers for Algernon," priced at \$3 for general admission, and \$2.50 for students, military, and senior citizens, are available from members of the cast, the Medical Arts Pharmacy, and the Gift Mart in Ridgecrest.

In addition, tickets can be purchased at the Burroughs High lecture center box office before each performance.



Calendar

Sept. 28, 29, 30 — Desert Empire Fair, Desert Empire Fairgrounds, Friday from 5 till 11 p.m.; Saturday from 1 till 11 p.m.; and Sunday from 1 to 10 p.m.

Sept. 28 — Burroughs High School sophomore and varsity football games, 4:30 and 7:30 p.m.

Sept. 29 — Western Jubilee, Burroughs High School lecture center, 5 to midnight.

New director chosen to help guide development of Maturango Museum

A new director has been chosen to help guide the future development of the Maturango Museum.

Robert Tuck, an internationally recognized authority on natural history and scientific institution operations, was selected for the post of director of the Maturango Museum by the museum's staffing committee.

Tuck, who began work here Monday, replaces the ailing Ken Robinson, who has served as the local museum's director since 1964.

"We are naturally saddened that Ken has had to curtail his activities for the museum, and we are extremely grateful for everything he has done to make this a living, growing organization," Bob Berry, president of the museum's board of trustees, said. "We are also looking forward to what Bob Tuck will be able to do for the museum; we feel we have exceeded our expectations in attracting him to this job."

Tuck, who also has a background in journalism, is a graduate of Michigan State University with a degree in zoology. He has written and published more than 30 scientific, technical, and popular articles, pamphlets, and reports on natural history

process of growth.

Not one to let the grass grow under his feet, Tuck visited a number of small museums on his way across the country, so that he will have some background on similar institutions' approaches to the Maturango Museum's growth problems.

Among the museums he visited traveling cross country to China Lake were the Cincinnati Museum of Natural History, Putnam Museum in Davenport, Iowa, and the Dinosaur Museum of Natural History in Vernal, Utah.

Tuck says that he has always had a great love for the desert. He visited the Mojave and Sonora deserts in 1961 and 1969, before going to Iran in 1963. Tuck also served as a field zoologist in Iran and Pakistan from 1963 to 1966, then returned to Iran in 1973.

He reports that both Iran and Pakistan are much like the Indian Wells Valley area, because a large part of these countries is desert.



Robert Tuck.

methods and techniques, zoology, natural history, and ecology of the United States, Trinidad, Tobago, Iran, and Pakistan.

Prior to accepting the post of director of the Maturango Museum, Tuck, who is a bachelor, was the director of Iran's first National Museum of Natural History, which he established, planned, administered, programmed, and staffed.

Because of recent political developments, Tuck left Iran hurriedly — leaving behind most of his clothing, books, and household goods. Consequently, he traveled light en route from Washington, D.C., to Ridgecrest.

The new museum director is "extremely pleased" with his assignment here. He likes the idea of being able to make innovations with a young organization that is in a

Tickets for 'Navy Night at Disneyland' are now available

"Disneyland," popular amusement center in Anaheim, has set aside the evening of Saturday, Oct. 20, for active duty, reserve and retired military personnel, as well as civilian employees of the federal government.

Tickets for "Navy Night at Disneyland," priced at \$5.25 each for everyone three years of age or over, can be purchased now at the Community Center, and the supply is limited. No tickets will be sold at Disneyland.

The gates to Disneyland will open at 7:30 p.m., and the amusement park will be open from 8 p.m. to 1 a.m. on Oct. 20. The price of admission covers parking and all of the many rides.



Regular starting time — 7:30 p.m.
For synopsis information call
Code 0 Phone 939-2411

FRIDAY "HALLOWEEN" SEPT. 28

Starring
Jamie Lee Curtis and Nancy Loomis
(Horror suspense, rated R, 91 min.)

SATURDAY "THANK GOD IT'S FRIDAY" SEPT. 29

Starring
Donna Summer and The Commodores
(Drama-rock, rated PG, 96 min.)

MONDAY "THE BUDDY HOLLY STORY" OCT. 1

Starring
Gary Busey and Don Stroud
(Biographical drama, rated PG, 115 min.)

WEDNESDAY "WALK PROUD" OCT. 3

Starring
Sarah Holcomb and Robby Benson
(Romantic drama, rated PG, 105 min.)

FRIDAY "OH GOD" OCT. 5

Starring
George Burns and John Denver
(Comedy, rated PG, 110 min.)

SAT.-SUN.-MON. "HAIR" OCT. 6, 7, 8

Starring
Treat Williams and Beverly D'Angelo
(Rock-musical, rated PG, 121 min.)

Beginning Sunday, Oct. 7, the regular starting time will be 7 p.m.

Metal Trades Council meeting planned Oct. 4

The Indian Wells Valley Metal Trades Council will hold its next regular meeting on Thursday, Oct. 4, at 65-B Halsey Ave., China Lake. The meeting will get underway at 7:30 p.m.

The Council is the representative of a unit composed of the Center's non-supervisory ungraded civilian employees of the Police Division, Safety and Security Department, who are located at China Lake.

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Naval Weapons Center
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TEST GEAR EXAMINED — PRAN Cliff Mathews is suited up and ready for a test of a proposed automatic parachute divestment system. One of the main components of his system is the device held at right that is to be adapted to the parachute canopy release fitting.

—Photo by Ron Allen

Parade on Saturday highlight of Desert Empire Fair

It's fairtime again in the Indian Wells Valley, and the highlight of this year's Desert Empire Fair (DEF), which began Wednesday evening and will continue through Sunday, will be the big parade tomorrow morning on No. China Lake Blvd.

"When the West Was Fun" is the theme of the 1979 DEF parade, which will begin at 10 a.m. at the intersection of French St. and No. China Lake Blvd. The route of the parade will follow Ridgecrest's main street to a dispersal point at the triangle near Inyokern Road.

Leading the parade will be a 10-unit prologue of dignitaries, including the grand marshals, Marshall and Eva Goulet of Ridgecrest; Don Chieze, the Major of Ridgecrest; Little Miss Desert Empire Fair; and the Pioneer Days Queen.

Mounted Color Guard

In the first division of the parade will be the mounted color guard from the Marine Corps Logistics Support Base, Pacific, at Jarrow.

According to Roberta Leighton, chairperson of this event, there will be more than 130 entries who will be spread out among five divisions of this, the 29th annual Desert Empire Fair parade.

Principal categories in the parade competition are equestrian, bands, majorettes, drum majors, color guards, drill teams, floats and a miscellaneous category which includes decorated vehicles and bicycles, antique automobiles, clowns and novelty entries.

NWC will be represented in the parade by the Sidewinder drill team and color guard, a group that now is under the direction of

AZI Mike McClain.

Following the parade, the fairground gates will open at noon and at 1 p.m. the parade awards will be given in the rodeo arena. DEF activities will continue until 11 p.m. on Saturday; from 1 to 10 p.m. on Sunday; and this evening from 5 to 11 o'clock.

Fairgoers will find a wide array of carnival and midway attractions brought here by the Butler Amusements Co. of San Jose, as well as food and refreshment booths that will be operated by local clubs and organizations.

Special activities this evening include a western dress contest at 6:30, hat decorating contest at 7:30, and local en-



JUGGLING ACT — The young and the young at heart will enjoy the juggling act performed by Howard Hardin at the Desert Empire Fair.

Parachutists test device to automatically release harness when jumper strikes water

In future years pilots who bail out over the ocean may be able to credit their survival to the results of tests of an automatic parachute divestment system conducted by the Parachute Systems Department.

The first phase of this multi-phase test program was carried out recently with a follow-on scheduled for the near future.

There being a shortage of sea water at China Lake, the tests are being conducted at the Pacific Missile Test Center, Point Mugu, Calif., by local personnel. Assisting are personnel from PMTC and the Naval Ocean Systems Center, San Diego. Rick Eberhardt of the Parachute Systems Department is in charge of the project.

Present Release System

A jumper must now manually release buckles holding his parachute harness when he hits the surface of the water; if he is not able to do so promptly, the parachute and suspension lines are apt to settle over him.

Many pilots have drowned because they have been unconscious or disoriented following their bail-out, and they became entangled in the suspension lines or canopy of their chute.

The automatic parachute divestment system will disconnect the jumper from his chute within 2 seconds after he enters sea water. Under most circumstances then, the canopy will still be sufficiently in the air so that it will drift to the side rather than coming down over the jumper.

The new device consists of a tiny electronics package attuned to the reflection-

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refraction index of sea water. When the device senses that it is in the ocean, a cartridge is fired to actuate a piston and automatically disconnect the harness buckles.

The test on Aug. 30 involved filming and gathering data to determine standards of what actually happens when a jumper in the current parachute harness goes into the ocean.

Military parachutists PRC Bob Hudson, PRAN Cliff Mathews, PR3 Mike Kolb, and PR2 Jim Woolley each jumped from a PMTC-based CH-46 helicopter. Their descent, from a height of about 4,000 ft., was filmed and monitored. When they broke the surface of the water, underwater cameramen from NOSC recorded on film what happened to jumper, harness, suspension lines, and canopy.

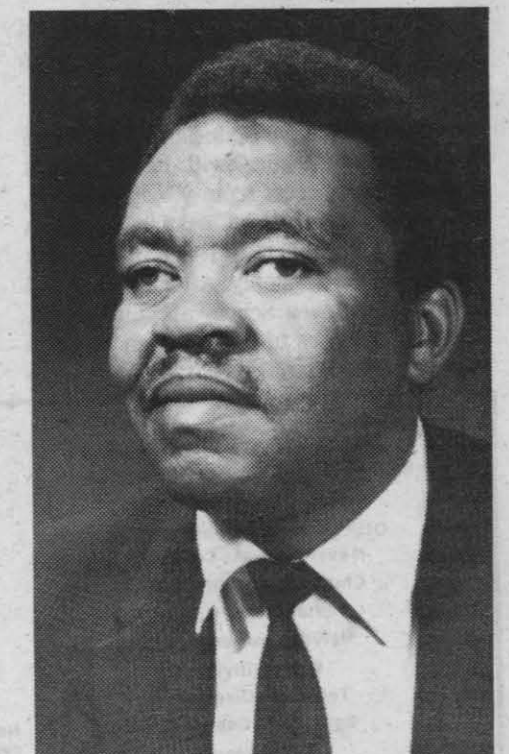
Each underwater photographer had, as a safety back-up, a SCUBA-diver from the Explosive Ordnance Division stationed at NWC serving as a "buddy".

When the pictures have been analyzed (Continued on Page 3)

Centerite will represent U.S. at radio conference

Robert P. Moore, a civilian employee at the Naval Weapons Center, has been chosen by the U.S. State Department to be the U.S. delegate at the 10-week World Administrative Radio Conference (WARC) currently being held in Geneva, Switzerland.

As U.S. spokesman at the conference, he will speak for the United States in support of U.S. frequency allocation objectives. Moore



Robert P. Moore

is also a member of the U.S. delegation technical committee.

Moore is the head of the Microwave Radiometry Branch (Code 3521) of the RF Development Division of NWC's Electronic Warfare Department.

He has been given sole responsibility for developing the U.S. position during the

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READY TO GO — Navy and civilian participants in the bicycle safety check program which will be held in Indian Wells Valley next week have their bicycles ready for a safety checkup. Bicycle safety is of a real concern to (l.-r.) Howard Anderson, of the Ridgecrest/China Lake Optimist Club; Don J. Chieze, Mayor of Ridgecrest; Capt. William B. Haff, NWC Commander; and Geri Thomas, manager of the Ridgecrest office of the Automobile Club of Southern California.

Bicycle safety check program to be held here during coming week

The safety of bicycle riders of Indian Wells Valley is a real concern; consequently bicycle safety checks will be conducted during the first week of October by the Automobile Club of Southern California, assisted by the Optimist Club.

Also taking part in the safety effort will be the Naval Weapons Center, the Ridgecrest Police Department, and members of the Parent Teachers Association (PTA) of the local schools.

Final arrangements for the safety checks were made this week during a meeting between Capt. William B. Haff, NWC Commander; Don J. Chieze, Ridgecrest Mayor; Ms. Geri Thomas, manager of the Ridgecrest office of the Automobile Club of Southern California; and Howard Anderson, of the China Lake/Ridgecrest Optimist Club.

The Automobile Club will be bringing its bicycle safety testing trailer to local schools beginning on Tuesday, Oct. 2, when it will visit the Theodore Faller Elementary School (formerly Ridgecrest Heights School) from 1 to 4 p.m.

The bicycles of children in this school will be checked from 1 to 2:30 p.m., then all ages may bring their bikes in from 3 to 4 p.m.

The following day, Wednesday, Oct. 3, the bicycle safety trailer will be St. Ann's School in Ridgecrest from 9 to 10:30 a.m., then at the Immanuel Christian School in Ridgecrest from 12:15 to 1:45 p.m. to check bikes of school kids only. Afterwards it will proceed to Vieweg School at China Lake, where bike riders of all ages can bring in their bicycles from 2 to 4 p.m.

In addition to the bicycle safety check, the Automobile Club's motion picture film "Only One Road" will be shown at the Center theater tonight and tomorrow night just before the regular movie at 7:30.

R-W Cablevision of Ridgecrest will also show the film during its community focus program on Thursday evening, Oct. 4, and again on Saturday afternoon, Oct. 6.

Officers to receive promotions sooner under new policy

Officers receiving temporary promotions to lieutenant commander, commander and captain will learn of their effective promotion dates sooner — and they will receive their promotions and resulting pay raises four to six weeks earlier than in the past.

Temporary promotions to the above grades are now being announced by ALNAV message instead of by BUPERS Notice 1421.

Due to the time needed to identify vacancies, prepare, print and mail notices, promotion notifications have frequently been received six to eight weeks after effective dates of promotion.

Temporary lieutenant and chief warrant officer 3 and 4 promotion announcements will continue to be sent out by BUPERS Notice 1421. However, since these promotions are not tied to controlled grade losses, the administrative process that prepares notices will begin earlier in order to ensure more timely receipt at local commands.

Promotional opportunities

Unless otherwise specified in the ad, applications for positions listed in this column will be accepted from current NWC employees and should be filed with the person named in the ad. All others desiring employment with the Naval Weapons Center may contact the Employment/Wage and Classification Division, Code 092, Ext. 2049. Ads will run for one week and will close at 4:30 p.m. on the Friday following their appearance in this column, unless a later date is specified in the ad. Employees whose work history has not been brought up to date within the last six months are encouraged to file a Form 171 or 172 in their personnel jacket. Information concerning the Merit Promotion Program and the evaluation methods used in these promotional opportunities may be obtained from your Personnel Management Advisor (Code 094 or 097). Advertising positions in the Promotional Opportunities column does not preclude the use of alternate recruiting sources in filling these positions. As part of the rating process, a supervisory appraisal will be sent to the current supervisor and the most recent previous supervisor of those applicants rated as basically qualified. The Naval Weapons Center is an equal opportunity employer and selection shall be made without discrimination for any nonmerit reason. The minimum qualification requirements for all GS positions are defined in CSC Handbook X-118, while those for all WG, WL and WS positions are defined in CSC Handbook X-118C.

Operations Research Analyst, GS-1315-7, PD No. 790855, Code 081 — This position is located in the Weapons Systems Cost Analysis Division of the Office of Finance and Management. The incumbent assists in devising new procedures for the reduction and analysis of cost and performance data; assists in developing any intermediate equations, models or other methodology necessary for interpreting and presenting data describing the cost effectiveness of various weapon systems; assists in the development of the procedures for solutions of complicated problems requiring the use of computing facilities; ensures that the requisite equations, punched cards, etc., are prepared in order that analog and other types of computing facilities may be utilized in support of problem solving. **Job Relevant Criteria:** Knowledge of mathematical/scientific analysis and mathematical/statistical methodology; skill in communicating effectively both orally and in writing; ability to analyze problems; ability to deal effectively with personnel at all levels of an organization. Promotion potential to GS-12.

File applications for the above with Terry George, Bldg. 34, Rm. 208, Ph. 3118.

Maintenance Foreman, WS-4781-11, JD No. 7824009, Code 2424 — This is a temporary position, not to exceed one year. This is a supervisory position as head of the Public Works Department, Maintenance-Utilities Division, Electrical and HVAC Branch, HVAC Section. The function of this section is to install, maintain, repair or replace refrigeration, air conditioning and gas heating equipment which includes domestic as well as industrial and commercial type installations. The incumbent plans sequence of operations and work steps of employees supervised, and assigns work to employees. Interprets blueprints and instructions as required, prepares layouts and sketches. Requisitions tools, materials, equipment as needed. **Job Relevant Criteria:** Ability to supervise; technical practices; ability to interpret instructions, specifications, etc.; knowledge of materials, knowledge of pertinent tools and equipment. File supplemental with Code 097 to be received no later than Oct. 12, 1979. Forms may be obtained in the Personnel Bldg., Rm. 212.

File applications for the above with Lucy Lambert, Bldg. 34, Rm. 212, Ph. 2032.

Electronics Engineer, GS-855-5/Physicist GS-1310 or Electronics Technician GS-854-4, GS-12, PD No. 7931152, Code 3144 — This position may be filled by either an Electronics Engineer GS-855, Physicist GS-1310 or an Electronics Technician with appropriate, qualifying experience. This position is located in the Aircraft Weapons Control Systems Branch, Avionics Division, Systems Development Department. The incumbent will serve as the technical manager and project office head for the Memory Loader Verifier (MLV) Project. The MLV is a microprocessor based instrument which is used for loading computer programs into tactical digital computers and for verifying the memory load. The MLV is a general purpose instrument which is or will be used for the A-7, F-4, A-4 and other aircraft. The incumbent will have total responsibility for MLV tasks assigned to NWC. This includes coordination of all technical personnel assigned, initiation and technical management of contracts, establishment of a mini-software support activity (SSA), coordination with sponsors, flight personnel and aircraft project offices. **Job Relevant Criteria:** Must possess a broad background in the fields of aircraft avionics, armament systems and aircraft weapon stores; must be proficient in planning, coordination and conduct of complex technical development projects; must express himself/herself effectively both orally and in writing; must be adept at working with and coordinating persons of varied disciplines. Promotion potential to GS-12. **NOTE:** GS-1310 subject to classification approval by the Naval Civilian Personnel Command, San Diego and allocation of high grade billet.

Secretary (Typing) GS-318-4, PD No. 7931154N, Code 3144 — This position is in the A/C Weapons Control Systems Branch of the Systems Development Department. The incumbent will type technical notes and reports, forms, correspondence, inter-office memorandum, etc.; performs administrative office calls; receives and distributes branch mail; maintains supervisor's calendar; makes travel arrangements etc. **Job Relevant Criteria:** Ability to type efficiently and accurately; reliability and dependability; ability to meet deadlines under pressure; telephone answering skills.

File applications for the above with Pat Gaunt, Bldg. 34, Rm. 212, Ph. 2514.

Administrative Officer, GS-341-7/9, PD No. 793401WE, Code 344 — This position is located in the Graphics Art Division, Technical Information Department. The incumbent provides administrative support in the operation of the Center's graphics arts program. This requires developing and administering a computerized financial and information system for graphics arts product lines. Other duties include administering the NWC duplicating contract and coordinating the contract requirements for services and materials procured by the Center and establishing and maintaining a contract information system. The incumbent also administers the NWC copier program. **Job Relevant Criteria:** Knowledge of financial accounting systems; ability to develop and maintain an automated information system; knowledge of contracting procedures; ability to administer the NWC copier program.

File applications for the above with Linda Bego, Bldg. 34, Rm. 208, Ph. 3118.

Mechanical Engineer/Electronics Engineer/Aerospace Engineer/Physicist, GS-830/855/861/1310/9/11/12, PD Nos. 7835044/7835125/7835126, Code 3551 — This is an interdisciplinary position in the EW Projects Office, Countermeasures Division of the Electronic Warfare Department. The incumbent serves as a project engineer for specific flight tests and is responsible for the design and development of testing techniques and procedures. Incumbent initiates test plans and detailed specifications and provides cost estimates for the EWTES customer, monitors data reduction activities and performs

mathematical analyses of the reduced data, and required to interface with representatives of various companies and military activities. The duty station is the Randsburg Wash Test Site. The division is under a "first 40 hours" work schedule, as a result, a typical weekly schedule is a 10 hour day, Monday through Thursday. Navy transportation is available to and from the worksite. **Job Relevant Criteria:** Knowledge of electronic warfare and related fields; knowledge of ground-based radar systems; knowledge of data analysis and reduction; ability to communicate effectively, both orally and in writing; ability to work effectively with people of widely differing personalities.

Electronics Engineer, GS-855-9/11/12, PD No. 7935041E, Code 3551 — (2 vacancies) Position is located in the Land Threat Evaluation/Development Branch, Countermeasures Division, Electronic Warfare Department. Incumbent analyzes and designs radar circuitry required to integrate major subsystems into functioning radar-directed weapons systems. The engineer also develops operational and diagnostic software and integrates software simulation of the associated weapons to complete the weapon integration. Incumbent devises and evaluates tests of the systems. Duty station is the Randsburg Wash Test Site. The division is under a "first 40 hours" work schedule; as a result, a typical weekly schedule is a 10 hour day, Monday through Thursday. Navy transportation is available to and from the worksite. **Job Relevant Criteria:** Knowledge of radar, microwave and servomechanism systems; knowledge of digital and analog circuitry techniques and computer systems; ability to design, develop and evaluate simulators; ability to communicate effectively both orally and in writing; ability to deal effectively with personnel at all levels.

Secretary (Typing) GS-318-4, PD No. 7935103N, Code 3514 — This position is located in the Systems Analysis Branch, Microwave Development Division, Electronic Warfare Department. An incumbent will be secretary to the branch head and will perform the full range of secretarial and clerical operations necessary for the smooth administrative operation of the unit. **Job Relevant Criteria:** Ability to work independently and exercise judgment in prioritizing work; knowledge of NWC policies/procedures affecting administrative matters relating to areas such as security, time and attendance, personnel action requests, travel, etc.; skill in operating an electric typewriter; knowledge of English grammar, spelling and punctuation for correcting obvious errors in material being typed.

Secretary (Typing) GS-318-3/4, PD No. 7935091, 7935104N, Code 3554 — This position is located in the Data Systems Branch, Countermeasures Division, Electronic Warfare Department. The worksite of the position is in the Randsburg Wash Test Site. The division is under a "first 40 hours" work schedule, as a result, a typical weekly schedule is a 10 hour day, Monday through Thursday. Navy transportation is available to and from the worksite. An incumbent will be secretary to the branch head and will perform the full range of secretarial and clerical operations necessary for the smooth administrative operation of the unit. **Job Relevant Criteria:** Ability to work independently and exercise judgment in

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DIVINE SERVICES

PROTESTANT
Sunday Worship Service 1000
Sunday School—All Ages 0845
Sunday School Classes are held in Chapel Annexes 1, 2, 4. (Dorms 5, 6, 8) located opposite the former Center Restaurant.
Communion Service first Sunday of the Month.

ECUMENICAL
Wednesday Noon Bible Study 1130
Thursday Men's Prayer Breakfast 0630

ROMAN CATHOLIC
MASS
Saturday 1700 fulfills Sunday obligation 0630
Sunday 0815 1245
Nursery, Chapel Annex 1 0815 1245
Daily except Saturday, 1135: Blessed Sacrament Chapel

CONFESSIONS
Daily 1115 to 1130
Saturday 1415 to 1645
Sunday 0800 to 0825

RELIGIOUS EDUCATION CLASSES
Sunday Pre-school thru 11th grade 1000
Above classes are held in the Chapel Annexes across from the former Center Restaurant.
Sunday afternoon 12th grade 1630
As announced "In Home" Discussion Groups and Youth Rallies

Contact Chaplain's Office for specifics.

JEWISH SERVICES
EAST WING—ALL FAITH CHAPEL
Sabbath Services every Friday 1930
UNITARIANS
CHAPEL ANNEX 95
Sunday Services—(Sept.-May) 1930



YOUTH SOCCER ACTION — Kevin Featherston (in center) of the Tornadoes gets off a shot at the goal in this bit of action during the Tornadoes' 2-0 win over the Surf last Saturday at Davidove Field. Moving on the attack with Featherston is Chris Turner (at left) who scored one goal while Featherston scored another in the Tornadoes' 2-0 win over the Surf. The referee watching the play is Hubert deHaan.

Results reported of 1st weekend of play in Youth Soccer League

Last Saturday marked the start of the fall season of Youth Center soccer League competition. Eighteen of the league's 19 teams were in action during games played at Davidove and Schoeffel Fields.

In the National Division, for players in the 5th and 6th grades, the Tornadoes and the Whitecaps defeated the Surf and the Kicks, respectively, by identical scores of 2-0.

Kevin Featherston (assisted by Clint Johnson) and teammate Chris Johnson tallied one goal each for the Tornadoes in their shutout victory over the Surf, while Eric Hampton was the outstanding player on defense for the Tornado team.

Two Goals by Andrews

In the Whitecaps' win over the Surf, John Andrews scored both goals for the Whitecaps, and center back Peter Miller was the main cog in the Whitecaps' defensive unit. In addition, Kenny Sandberg, goalkeeper for the Whitecaps, prevented two or three scores by the Surf as he helped to preserve the shutout win.

Four games were played among teams in the American Division (for 3rd and 4th graders). The results were: The Rogues edged the Strikers, 2-1; the Timbers toppled the Lancers, 4-1; the Sting and Hurricane teams played to a 2-2 draw; and the Blizzard and Drillers game ended in a scoreless tie.

American Div. Highlights

Highlights of games played in the American Division included a 2-goal performance by Wayne Shadd in the Rogues' narrow win over the Strikers. Shadd tallied on assists from Bobby Burge and Perry Martinez. The latter also was the outstanding defensive player in the game between the Rogues and Strikers.

In the Timbers' 4-1 win over the Lancers, Flag football . . .

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points on the board as the result of a pass interception by Rick Jones, a lineman, who latched onto a partially deflected pass thrown by the quarterback for Cozzucoli's and turned it into a touchdown. A run around left end by Price added 2 points after the touchdown — giving the Headknockers a 16-8 lead.

In the final minute of the game, however, the Cozzucoli's, with the aid of penalties called against the Headknockers, moved the ball into scoring territory and tallied on an end run.

Trailing 16-14, the Cozzucoli's tried but failed to cash in on a 2-point conversion that would have evened the score at 16 all.

In two games that preceded last Saturday's tournament, which was held for the purpose of giving the athletes on all five teams more playing experience and does not count in the league standings, the first two contests of the current flag football season resulted in a 16-0 win by the Headknockers over the Homestead Blasters, while the Wolfpack shut out Heads Inc. 14-0.

hustling play by Eric Wee produced two of the scores for the Timbers. Matt Ziegler and Jay Okamoto added one goal apiece for the Timbers, whose standout on defense was David Lowham.

The Hurricanes had the upper hand during the early going in their game with the Sting. Phillip Walker and Tony Haaland chalked up goals, with assists from Shannon Haaland and Walker, respectively, to give the Hurricanes a 2-0 lead.

This advantage was erased, however, when Craig Rindt made a 50-yd. solo run with the ball for a score for the Sting, and Mike Rindt knotted the count at 2-2, thanks to an assist from midfielder Dan Flores.

The scoreless tie played by the Blizzard and Drillers of the American Division was a defensive battle which featured the play of Matt Kibbe, Brian Bartels and Brian Bonner of the Blizzard, and Mark Bullard for the Drillers. The latter team did score a goal that was nullified by a penalty.

Results in Pacific Div.

Teams competing in the Pacific Division (1st and 2nd graders) played three games on the opening weekend of the fall soccer season. The Sockers nudged the Rowdies, 2-1; the Earthquakes rattled the Express, 4-2; and the Chiefs defeated the Fury, 3-0.

Both goals for the Sockers in their 2-1 defeat of the Rowdies were tallied by Mark Frisbee, who had assists in moving the ball into scoring position from David Bartels and Robbie Capps.

On defense, the Sockers were led by Matt Duncan, Andy Tollman and Brian Bonbright, who succeeded in stopping the Rowdies except for their lone goal by Mark Hoppus.

The Earthquakes rolled over the Express on the strength of three goals by Jeremy Osburn — one of which was the result of an assist from Jeff Hutmacher. In addition, the Express team accidentally put the ball into its own net, which helped to clinch the 4-2 win by the 'Quakes.

Goalie Preserves Shutout

Two goals by Tim Matson and one by Dan Shotwell were scored in the Chiefs 3-0 shutout of the Fury. Goalie David D'Anza made diving stops of the ball several times for the Chiefs to prevent any scoring by the Fury, whose best scoring opportunities came on near misses by Mark Anderson and Bobby Puckett.

Games slated tomorrow at Schoeffel Field are Earthquakes vs. Chiefs, 9:30 a.m.; Sockers vs. Express, 10:30 a.m., and Rowdies vs. Fury, 11:30 a.m.

In addition, six games are on tap at Davidove Field. The opposing teams and the times of their games are: Hurricane vs. Blizzard, 9 a.m.; Sting vs. Drillers, 10 a.m.; Rogues vs. Lancers, 11 a.m.; Strikers vs. Timbers, 12 noon; Kicks vs. Sounders, 1 p.m.; and Tornadoes vs. White Caps, 2:30 p.m.

Burros varsity loses to Bakersfield . . .

(Continued from Page 6)

territory for the remainder of the third quarter, but was unable to score again.

Late in the third period, a punt by Bien was downed by Cordle on the Bakersfield 5 yd. line and the Burros' defense, led by tackles Kurt Rockwell and Kevin Merrill, again stopped the Drillers' running game and a partially blocked fourth down punt by Bakersfield left the locals in possession on the Bakersfield 37. As the teams changed ends of the field to start the fourth quarter, the Burros were still in the driver's seat with third down and a yard to go for a first down on the Drillers' 17.

Marcus Greenwood broke through to drop Roger Pack, the Burros' ball carrier, for a loss on the next play, and an attempt to make up the lost yardage on a fourth down running play failed.

Encouraged by the work of its defensive platoon, the Drillers got their act together on offense and moved the ball from their own 18 yd. line 82 yards to the Burroughs High goal and tallied the game's first touchdown.

The score, on 3-yd. blast by Gordon Cooper, came with 5 min. remaining to play in the game. The Drillers missed the try for the PAT and it was a 6-3 ball game with the visitors from Bakersfield out in front.

Big plays in the Drillers' scoring drive were an 18-yd. pickup by Phair, who was on the receiving end of a short pass from Machado; a pass from Machado to Tucker that was good for a gain of 25 yds; and a key 9-yd. gain by Cooper that produced a first down on the Burroughs 10 yd. line.

The ensuing kickoff was returned by Pack to the Burros' 44 yd. line, but a fumble on the next play turned the ball over to the visitors, who took advantage of this miscue to score again. Machado drilled a long pass to Tucker, who took the ball over his shoulder between two defenders before being downed on the Burroughs 8 yd. line.

6-week series of sculpture, painting classes start Oct. 15

The Recreation Branch of the NWC Special Services Division is now offering beginning and advanced level classes in sculpture and painting. This instruction is scheduled to begin on Monday, Oct. 15.

Barbara Brubeck will be the instructor. She is an art educator and art therapist who has a bachelor's degree in fine art and master's degree in art history with additional graduate level training in psychology. As an art educator, she has taught in art studios and art history on the college level, and worked as an art specialist in public schools.

Classes Continue 6 Weeks

A series of six-week classes are planned. The first beginning sculpture class will be "Sculptural Techniques in Wood Carving" and the beginning painting class will be "Basic Techniques of Oil Painting."

An advanced painting class and an advanced sculpture class will be offered for those who have a knowledge of any of the basic techniques and who wish to develop their individual expression.

Other beginning painting and sculpture classes in the series will be "Sculpturing in Clay," "Beautiful Things From Trash and Junk," "Principles of Watercoloring," and "Drawing for Pleasure."

Classes will be held on Mondays and Wednesdays beginning on Oct. 15 and continuing for six weeks. A beginners' class in wood sculpture will be held on Mondays from 5 to 6:30 p.m., followed by a class for more advanced students from 6:30 to 8 o'clock. Techniques of oil painting will be taught on Wednesdays from 5 to 6:30 p.m. For more advanced students of oil painting, there will be a class from 6:30 to 8.

A \$10 registration fee will be charged for each class and students will be required to purchase their own supplies. Registration is being handled at the Special Services Division's Ceramics Hobby Shop Building.

This gain of 32 yds. set up a touchdown by Machado, who tallied three plays later from the 1 yd. line. An attempted pass for 2 points after the touchdown was batted down — giving Bakersfield a lead of 12-3 with a little more than a minute left to play in the game.

The Burros made the most of this final 60 sec. of action by springing McDowell loose for an 82 yd. kickoff return for a touchdown that made the final score 12-9 in favor of Bakersfield.

Bell's kick, which was good, for the PAT, was nullified by a penalty, and he missed on his second effort.

The Burros were unsuccessful in their try for an onside kick in order to retain possession of the ball after they scored, and the Drillers ran out the clock to win the game.

Payroll asks for employee timecards by 4:30 p.m. Friday

In a move to insure timely and accurate payroll processing, effective next Friday, Oct. 5, it will be necessary for all employee timecards to be received by the Payroll Office (Code 08641) no later than 4:30 p.m. on Fridays.

The foregoing applies to normal workweeks. There is an earlier deadline of 11:15 a.m. on Fridays preceding a Monday holiday (which is the case on Oct. 5).

Because of the revised time schedule for submission of timecards, which was announced by D. T. Green, head of the Accounting and Disbursing Division in the Office of Finance and Management, it will be necessary to operate in accordance with the following procedures:

(1) Any adjustments or corrections to timecards that have been submitted must be made prior to 11 a.m. on the following Monday. This can be handled only by submitting a corrected timecard.

(2) In the case of overtime and/or work on Saturdays, it will be necessary to project or estimate what will happen on Saturday and submit the employee's timecard by 4:30 p.m. on Friday. Any adjustments or corrections must be made no later than 11 a.m. on the following Monday by submitting a corrected timecard.

The intent of this change, Green noted, is to provide the Payroll Office and data processing personnel sufficient time to meet the payroll deadline.

Housing tenants can have microwave ovens checked

All military personnel and civilian employees living on the Naval Weapons Center can now have microwave ovens in their homes checked for possible radiation leakage.

To arrange for this service, owners of microwave ovens are asked to call HMC F. E. Barnett, preventive medical technician at the local Branch Medical Clinic, from Monday through Thursday, Oct. 1 to 4, between the hours of 8 and 11 a.m. and 1 to 4 p.m. Chief Barnett can be contacted by calling NWC Ext. 2911.

Microwave ovens will be examined for radiation leakage during the period from Oct. 22 through Nov. 2.

New year starts Oct. 1 for CHAMPUS members

The new fiscal year starts Oct. 1, and with it, the Civilian Health and Medical Program of the Uniformed Services (CHAMPUS) begins its new year.

This means the deductible amounts for outpatients have to be reestablished. This deductible amount — \$50 for individuals and \$100 for families — must be paid by the member before CHAMPUS reimbursements start again during Fiscal Year 1980.

Deductible amounts paid during the current year — Oct. 1, 1978, through Sept. 30, 1979 — cannot be applied to meet the requirements for next year.

Call the health benefits counselor at the local branch medical clinic for details.

The Rocketeer

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R. M. Hillier
Technical Director
Bernard F. Connolly
Acting Head
Technical Information Department
Don R. Yockey
Editor
Ernest Sutton
Associate Editor
Beverly Becksvort
Editorial Assistant
Ron Allen
Staff Photographer



DEADLINES
Tuesday, 4:30 p.m.
Wednesday, 11:30 a.m.
The Rocketeer receives American Forces Press Service material. All are Official U. S. Navy photos unless otherwise identified. Printed weekly with appropriated funds by a commercial firm in compliance with NPP-R P-35, revised January 1974. Office at Nimitz and Lauritsen. Information published in the Rocketeer does not necessarily reflect the official views of the Department of Defense. Information in The Rocketeer is authorized for public release by the Office of the Commander, Code 003.
Phones 3354, 3355



Recreation Roundup

Military golfers to compete in Admiral's Cup tourney Oct. 10

Admiral's Cup athletic competition, which has gotten off to a slow start for the 1979-80 year, will pick up again on Wednesday, Oct. 10, when golfers representing NWC Blue, NWC Gold and VX-5 will compete in a match that is scheduled to get underway at 11 a.m. at the China Lake golf course.

Military personnel interested in taking part in this event are asked to contact the following team representatives: Roy Tefft, NWC Blue, call NWC Ext. 5496; John Kinnard, NWC Gold, call NWC Ext. 5301; or AQ1 Mike Arms, of VX-5, call NWC Ext. 5332.

Water Exercise Class

Registration is now being taken at the Center gym for two six-week, two-day-per-week sessions of a women's water exercise class that will be taught by Joan Renner.

The first session will be held on Mondays and Wednesdays from 9 to 10 a.m., from Oct. 1 through Nov. 14, while the second is slated on Tuesdays and Thursdays from 1:30 to 2:30 p.m. from Oct. 2 through Nov. 8. There is a fee of \$18 for the series of 12 classes offered during the morning and afternoon sessions. Additional information can be obtained by calling the gym office at NWC Ext. 2334 or 2571.

Change of Hours

New hours of operation went into effect this past Monday at the China Lake golf course pro shop, and will continue until Daylight Saving Time ends on Sunday, Oct. 28.

The golf course pro shop is now open daily, except Tuesdays, from 7 a.m. to 7 p.m.

6 teams now tied for first place in Premier League

A three-game sweep over the E.R.I. Hustlers enabled the Partlow Construction bowling team to move into a six-way tie for first place following Monday night's Premier League bowling action at Hall Memorial Lanes.

The other five teams tied for the league lead after the first three weeks of the new season are the Hideaway, Western Columbia, Clancey's Claim Co., the Elks Lodge, and the Place. All have identical records of 5 wins and 4 losses.

High team game, a total of 1,019, was rolled Monday night by the Buggy Bath team, while high team series honors (2,881) went to the Partlow Construction keglers. Highest scoring individual bowler by a wide margin for the night was Benny Whiteside, who rolled a 672 series. Ten other Premier League bowlers topped the 600 series mark. They were:

Bob Hooper (625), Dick Furstenberg (624), Glen Collins (614), Pat Nalley (613), Ken Dalpiaz (609), Gene Lish (607), George Barker (605), Ray Freascher and Lynn Potter (602), and George Bowles (601).

Whiteside's 672 series included single game scores of 245 and 235. Other Premier League bowlers with single game scores of more than 220 were: Collins (245), Bowles and Hooper (242), Lish (237), Kim Duckett (236), Furstenberg and Potter (234), Nalley (231), Roger Del Parto (226), and Carl Bledsoe and Freascher (223).

Burros gridders to host Victor Valley tonight

In the final warm up game in preparation for the start of the Golden League season next Friday at Palmdale, the Burroughs High School varsity football team will host the Victor Valley Jackrabbits tonight at the local high school athletic field.

A sophomore game between Burroughs and Victor Valley will get underway at 4:30, with the varsity clash scheduled to follow at 7:30 p.m.

The Burros varsity gridders will be out to try to register their first win of the season, after losing 12-9 last Friday night to the Bakersfield High Drillers.

Sophomores Win 34-0

As for the Burroughs sophomore squad, its players hope to build on the momentum of their 34-0 shellacking of the Bakersfield jayvee team when they take on their counterparts from Victor Valley High School this afternoon.

Penalties and other misfortune plagued the Burroughs High varsity football team during the loss to Bakersfield last Friday night. During a scoreless first half in which the locals had the upper hand and outplayed their opponents, the Burros lost the ball three times on fumbles and drew five 15-yd. penalties to add to their woes.

In their first series of plays on offense in the Bakersfield game, the Burros gained good field position on a punt return by Roger Pack, who was dropped on the Drillers' 47 yd. line. The locals then drove for a first down on the Drillers' 16 yd. line before being stalled by a 15-yd. penalty.

First Scoring Threat

A crack through the line by Mike Waters, fullback, gained 10 yds., and it was pass for a 10 yd. gain from Quarterback Richi Drake to Billy Richardson, a halfback, which sparked this first scoring threat of the game by Burroughs.

The visitors from Bakersfield punted out of trouble after a 10-yd. run by halfback Mitch Phair gave them a first down on their own 40, and the Burros once again were in possession of the ball — but this time on their own 25.

Another holding penalty against the Burros canceled out a good gain on a run by Waters, and the local varsity squad was showing signs of getting rolling again (following a 14-yd. gain by Waters), when the Drillers recovered a fumble near midfield.

The Burros started what turned out to be a scoreless second quarter from their own 5 yd. line, following a sizable loss by Quarterback Drake on an attempted pass play.

The frustrations of the first quarter continued during the second 12 min. of play, however, as the Burros were hit by a pair of 15 yd. penalties and then fumbled away the ball to Bakersfield on the visitors' 40 yd. line during the early minutes of play in the second period.



HARD TO STOP — Roger Pack (No. 45), who handles punt returns and kickoffs for the Burros varsity, did a topnotch job against the Bakersfield Drillers as his runbacks helped the local gridders get into good field position on more than one occasion during last Friday night's game. Blocking like that provided by Tom Tunget (No. 77) was one of the keys to Pack's success in returning punts and kickoffs. As this photo was snapped, Gordon Cooper (No. 35), of Bakersfield was getting set for a shot at the ball carrier.

—Photos by Ron Allen



OFF AND RUNNING — Mike Waters, 190 lb. fullback for the Burroughs High varsity football team, ripped off several good gains (as he is shown doing above) during last Friday night's game between Burroughs and Bakersfield. The Burros were edged, 12-9, by the visitors from the Kern County seat. Moving over to close in on Waters, who is breaking away from a would-be tackler, are two other defensive players for the Drillers — Marcus Greenwood (45) and Jay Cole.

Two plays later, however, Dave Cordle recovered a bobbie by the Drillers — giving the Burros the ball on the Bakersfield 42. Waters broke through for 9 yds. and Drake picked up another 6 and a first down on the visitors' 27 yd. line.

A mixup in the handoff on the next play produced another fumble by Burroughs and Bakersfield once again was out of trouble with the ball on its 20 yd. line.

Before the half ended, Pat Bien intercepted a pass for Burroughs to give the locals the ball on their own 44 yd. line. On the next series of plays, a third down pass fell incomplete and the second period ended following a punt that was downed on the Bakersfield 5-yd line.

Starting off the third quarter, the Burros were awarded the ball on their own 40 when the kickoff by the Drillers went out of bounds. This set the stage for a goalward

push that ended on the Bakersfield 6 yd. line. On a fourth down with 3 yds. to go, the Burros elected to try for a field goal and the boot by Greg Bell, squarely between the uprights, broke the scoreless deadlock and gave Burroughs a 3-0 lead.

The scoring drive was highlighted by a run by Drake, who scampered 20 yds. on a quarterback pass or run option play that gave the Burros a first down on the Drillers' 27. Drake then completed a pass to Mark Urseth for a gain of 11 and a first down on the Bakersfield 13.

Runs by Leotis McDowell and Waters gained a combined total of 7 yds., a third down pass was incomplete, and the Burros settled for a field goal.

The Burroughs High varsity either had the ball in good field position, or had their opponents backed up well inside their own

(Continued on Page 7)

Early season Intramural League Flag Football tournament won by Headknockers

The Headknockers, led by Andy Price at quarterback, established themselves as early season favorites to capture the 1979 China Lake Intramural League Flag Football championship by winning a tournament played last Saturday by the five teams entered in the league.

The Headknockers rolled to a 20-0 win over the Wolfpack in their first tournament tilt, and then edged the Cozzucolis 16-14 in the game played to decide the tournament winner.

As for the Cozzucolis, they posted a pair of

shutout wins by scores of 21-0 and 27-0 over the Homestead Blasers and Heads Inc., respectively, to ease their way into the tourney title tilt.

Two touchdown passes thrown by Price opened up a 13-0 halftime lead for the Headknockers in their first tournament game against the Wolfpack. The game's first scoring play covered 35 yds. when a pass thrown by Price was caught by Ed Timmons, a halfback for the Headknockers.

Shortly before the end of the first half, the Headknockers put together a drive that was climaxed by a 10 yd. touchdown pass from Price to wide receiver Brad Domine. The extra point try was good after this tally.

Taking up where they left off in the first half of their game against the Wolfpack, the Headknockers broke Price loose on a 60 yd. kickoff return for another touchdown that (combined with the PAT) gave the Headknockers their final 20-0 margin of victory over the Wolfpack.

The game for the tournament title between the Headknockers and Cozzucolis was barely underway when a bad snap from center cost the Cozzucolis a 2-pt. safety when the ball carrier was trapped in the end zone.

Later in the first half of this contest, the Headknockers' offense moved the ball into scoring position and then cashed in on a 20 yd. pass from Price to Glen Polk, a halfback, for a touchdown that boosted the Headknockers' lead to 8-0.

The Cozzucolis battled back, however, by hitting paydirt on a scoring drive of their own and then tied the score at 8-8 by making good on a 2-point conversion play as they ran the ball into the end zone.

After this turn of events, the Headknockers' defense once again put

(Continued on Page 7)



CFC CONTRACT SIGNED — The principals in the Indian Wells Valley Combined Federal Campaign signed an agreement last Tuesday for participation in the annual fund drive which will be held from Oct. 12 through 26. Present for the signing were (l.-r.) HMC F. E. Barnett, from the local branch clinic of the Naval Regional Medical Center in Long Beach; Lt. Mike Casper, of Air

Test and Evaluation Squadron Five; Dr. Edwin B. Royce and Cdr. Gordon Carlburg, co-chairmen of the drive; Glen M. Griffith, supervisor of mail and delivery, Ridgecrest Post Office; Kris Hayes, area manager of the Bureau of Land Management office in Ridgecrest; and Lois Baer, president of the United Way of Indian Wells Valley.

—Photo by Ron Allen

Queries on CSRA demonstration project answered

This is the fourth in a continuing series of articles dealing with questions raised by employees concerning the Civil Service Reform Act demonstration project. Employees are encouraged to raise questions and discuss them with their respective personnel management advisors.

What is the current status regarding approval of the demonstration project?

The project proposal was reviewed with officials of the Office of Personnel Management (OPM) on Sept. 7. As a result of that review, a number of modifications were proposed.

Efforts are currently under way at the Naval Weapons Center and the Naval Ocean Systems Center (NOSC) to address as many of the OPM suggestions and recommendations as possible. It appears that the only basic concept that will require change is in the use of arbitration for adverse action cases.

It is expected that a modified draft will be submitted to OPM for final review in early October.

Subsequent to proposed acceptance in OPM, public hearings will be conducted at NWC and NOSC. After this process is completed, the proposal will be forwarded to Congress for review and approval.

Barring unexpected delays in the process described above, the present implementation schedule will be followed. This schedule calls for an official demonstration project starting date of June 1, 1980.

Doesn't this system offer the civil servant less job security than the old system? No. The demonstration project offers the same job security as does the present

system; termination criteria will remain the same and terminations will be processed in the same way as they are currently.

The only area with any significant change involves reduction-in-force (RIF) procedures. Under the demonstration project, performance becomes the primary retention criterion, with veterans' preference, tenure group, and service computation date used to order individuals within competitive levels.

Under the demonstration project, will there be a mechanism available to reward employees for special achievements?

Yes. The Special Act or Service Award (formerly called the Superior Achievement Award) will still be available for application to demonstration project participants. A superior achievement or performance by an employee that resulted in dollar economy or in other definable benefits to the government can be the basis for granting such an award. Examples of Special Act or Service Awards are devising new and improved work methods that save manpower, time, materials, or space; noteworthy accomplishments in safety; etc.

I understand that the University of Southern California will be doing an independent evaluation of the project. What assurance do I have that my privacy will be

protected when it comes time to publish the results of the experiment?

Employees are guaranteed their privacy by the Privacy Act. This act remains in effect throughout the demonstration project. It is expected that information received or requested from employees (questionnaires, etc.) will be compiled without reference to names.

'Chute release . . .

(Continued from Page 1)

and the data adequately examined to determine just what happens on water entry of a parachutist, the second phase of the tests will be scheduled in which a model of the new device will actually be used.

The Parachute Systems Department has been tasked by the Naval Air Systems Command as the Navy Laboratory Team Leader for the design, development, qualification and service release of the new device. Also involved are the Naval Air Test Center, Patuxent River, Md.; the Naval Air Development Center, Johnsville, Pa.; and the Naval Ordnance Station, Indian Head, Md.

The automatic parachute divestment system is currently under competitive development by three contractors; prototype models should be ready within a year, with fleet introduction expected some months thereafter.



—Official U.S. Navy photo Pacific Missile Test Center

COOL WORK — PRC Bob Hudson, one of the military parachutists assigned to the Parachute Systems Department at NWC, gets a boat ride back to shore after his part in a recent test of an automatic parachute divestment system.

Conference . . .

(Continued from Page 1)

conference. This required conducting negotiations over the past two years between the three services, Federal Communications Commission (FCC), Federal Aviation Agency (FAA), and Communication Satellite (COMSAT), and other agencies who have conflicting requirements in order to arrive at a position all could accept.

The last international conference was held in 1965 to decide on Morse Code as a common language for telegraph messages. Much has happened since then — telephone, radio, television and even satellite communications.

Based on results of negotiations with major communication users, Moore prepared a U.S. position paper on above 40 gigahertz (GHz) frequency allocations. This paper defined both the U.S. position and negotiating strategy, including fallback positions.

Official U.S. Position

Moore's paper has now been approved by the State Department and has become the official U.S. position on above 40 GHz frequency allocations.

The World Administrative Radio Conference will set frequency allocations, technical requirements, and regulations which will remain in effect till the year 2000.

Moore's work is particularly significant, since this is the first WARC competent to deal with the problem of frequencies above 40 GHz.

Much of the future of telecommunications, including radars of the type developed at NWC, lies in this region of the radio spectrum because of crowding at the lower frequencies and the need for systems which do not interfere with one another.

Importance of Conference

Moore's work at the WARC is expected to have a significant impact on the direction of development of future military and commercial millimeterwave systems. It might also be noted that this conference is significant in that it will be the first WARC to deal extensively with satellite radio services.

Moore's responsibilities include these radio services as well as the maritime mobile services used extensively by the Navy.

Moore was chosen as spokesman for the U.S. because of his expertise in millimeterwave systems, his well-known reputation in the international technical community, and experience in dealing with the foreign technical community.

Moore has been on a year's training assignment at OPNAV where he acted as consultant on anti-air warfare and command, control, and communications. He departed from Washington for Geneva on Sept. 20.

Schools to conduct parent-pupil survey

All students enrolled in the Sierra Sands Unified School District will be bringing home a parent-pupil survey card to be filled out and signed by a parent or guardian of the students.

These cards were distributed today to elementary school students and will be given to Burroughs High School students on Monday.

The Federal government provides financial assistance to the local school district if a student lives on Federal property, or if the student's parent or guardian works on Federal property. In order to substantiate the school district's claim for financial assistance, the information called for on the card must be obtained for each pupil once each year.

"Your assistance in completing and returning the card to your child's school immediately will be appreciated," Grant Pinney, consultant to the school district, stated.

"Please complete the card and return it regardless of where you work. In order to qualify for Federal funds in full, we must have a card for each child in attendance," Pinney added.



VISITOR FROM GREAT BRITAIN — Prior to takeoff for a helicopter tour of the Naval Weapons Center ranges, William J. Charnley (at right) looks over a map of the area he is about to see. Charnley, who is the British Controller of R&D Establishments, was accompanied on the flight by Gerald R. Schiefer, head of the NWC Electronic Warfare Department. Charnley was here for briefings on aspects of Center research and development programs that are of interest to the British. He received an overview of the Center's test and evaluation facilities and capabilities, witnessed a demonstration of radar technology, learned about pyroelectric vidicon and the finishing of mirror surfaces, in addition to attending a presentation on low cost mid-course guidance (sonic gyro). He was welcomed aboard by Capt. W. B. Haff, Center Commander. — Photo by Ron Allen

Mobile blood bank schedules visit to Ridgecrest Tuesday

Another of the regularly scheduled visits to Ridgecrest by the Houchin Community Blood Bank's mobile unit from Bakersfield will take place on Tuesday from 1 to 6 p.m. Pints of blood contributed to the Indian Wells Valley Blood Bank's Advanced Fund will be collected at the Ridgecrest Elks Lodge, 200 E. Church St.

According to Kay Thoms, chairman, many withdrawals have been made from the local blood bank account since the mobile unit's last visit in June, and there is a need for the account to be replenished.

A special feature of next week's blood bank visit will be the awarding of plaques to those who (over a period of time) have contributed a gallon or more of blood to the local blood bank account.

Donors may designate the person to whom their blood is to be given, or contribute a pint of blood to the IWW Blood Bank's Advanced Fund for whoever may need it.

Instruction on use of bicycles reevaluated

Due to the large increase in the number of bicycles, mopeds, and motorized bicycles being used on Center, it has been necessary to reevaluate the instruction covering bicycle regulations at China Lake.

Effective immediately, all vehicles, including bicycles, mopeds, motorized bicycles, motorcycles, etc., shall abide by all regulations covering vehicle operation on Center, and shall be considered the same as motor vehicles as far as point assessment against driver's licenses is concerned.

Points assessed for any traffic law violation will be considered part of the individual's traffic record on Center and will count against his or her operating privileges for all types of motor vehicles on Center.

Those who donate blood in a particular patient's name must, however, follow up and contact Mrs. Thoms by calling 375-4323, since she is the only person in this part of Kern County who can arrange for the release of blood from the Houchin Blood Bank.

Anyone between the ages of 18 and 66 who is in good health is invited to help restore the local supply of blood, which will be used for those who need transfusions due to accidents, illness, or surgery.

Donating a pint of blood takes an hour or less of a person's time. Volunteer assistance during the mobile blood bank visit to the Ridgecrest Elks Lodge is provided by members of the Elks Lodge and its women's auxiliary, the Indian Wells Valley Nurses Club, and Beta Sigma Phi sorority.

On Tuesday, prospective donors will be checked by a nurse at the blood bank, and are asked not to eat any dairy products or fatty foods within three hours prior to the time they expect to donate blood. Anyone who has ever had hepatitis, cancer, tuberculosis, heart disease, or syphilis is banned from giving blood.

Fair underway . . .

(Continued from Page 1)

Management may be entered in the turtle race. Children and their turtles should go to the BLM office, 1451 N. Norma St., Ridgecrest, for their permits and then register for the contest at the fair office located inside Joshua Hall.

Admission to the fair, which includes the free outdoor entertainment, is 50 cents for everyone 13 years of age and over.

Fairgoers are also invited to inspect the best examples of local area residents' culinary skill, sewing ability, arts and crafts work and agricultural or horticultural entries that will be displayed.

Joshua Hall, the main exhibit building on the fairgrounds, will be packed with booths at which more than 60 exhibitors will be displaying a large variety of commercial products.

Applications being taken now for hunting in range area this fall

Applications for limited public hunting this fall in the northern range area on the Naval Weapons Center are now being taken by Natalie Harrison, Community liaison assistant.

The access quota of 750 vehicles each weekend, up 250 from last year, will be filled on a first-come, first-served basis.

The Center will be open for chukar, quail and rabbit hunting, with chukar, jack and cottontail rabbits the most plentiful. Jackrabbits are everywhere, while cottontails stay where there are springs and wet areas.

The general hunting public and NWC military and civilian personnel are invited to hunt in designated areas on the weekends of Oct. 27 and 28 and Nov. 3 and 4. Hours of hunting will be between 6 a.m. and 5 p.m.

A permit will allow the holder entry to the Center as long as each person who enters is a hunter with a valid California hunting license. A fee of \$5 per hunter each weekend will be charged at the entry point to the Center. Gates will open at 5 p.m. on Fridays preceding the hunt and close at 5 p.m. on Sundays.

Entry to the NWC hunting area will be through the check station at the Darwin Gate on the north perimeter of NWC for the general hunting public. NWC personnel who obtain permits will be able to enter via the Mountain Springs Rd.

Overnight camping will be restricted to

Dr. Richard Wallace assigned to branch medical clinic here

Lt. Richard B. Wallace has been assigned to the China Lake Branch Clinic of the Naval Regional Medical Center (NRMC) in Long Beach as a general medical officer. Lt. Wallace is on his first "operational" tour of duty in the Navy after completing his internship at NRMC San Diego (Balboa Naval Hospital) in June 1979.

He was graduated summa cum laude in 1974 from Northeast Louisiana University in Monroe, La., with a bachelor of science degree. Lt. Wallace then entered medical school at Tulane University in New Orleans and joined the U.S. Naval Reserve in 1975. This was part of the U.S. Health Professional Scholarship program.

While at the medical school his summer externships on active duty for training



Lt. Richard B. Wallace

included NRMC Pensacola, Fla., in 1975 and NRMC San Diego in 1978. After receiving his medical degree from Tulane in 1978, Lt. Wallace began his internship at Balboa Naval Hospital.

Lt. Wallace reports that his main areas of interest in medicine are internal medicine, pediatrics, and radiology. At some point in the future, he expects to resume his training; afterwards he will specialize in either family practice or internal medicine.

A native of Shreveport, La., the local clinic's new doctor finds desert life at China Lake hot but not uncomfortable. He has already found the time to scour the desert for rocks, relics and old mines.

Lt. Wallace and his wife, Nancy, and their son, Richard, Jr., 2, live in quarters aboard the Center.

three campsites provided on NWC lands at Darwin Gate, Junction Ranch and Birchum Springs.

Hunters are urged to have sufficient gasoline, potable water, and emergency equipment for the trip to the NWC hunting area and return to Olancha, where the nearest gasoline or repair services are available.

For further information on hunting permits, NWC personnel may contact Ms. Harrison by calling NWC Ext. 2481.

Increased gas cost, shortages make fuel conservation a must

The increased cost and shortage of gasoline makes it essential that drivers conserve gasoline in the operation of both government and private vehicles. Lee V. Barkley, the Center's Transportation Superintendent gives the following tips on saving fuel.

Use the smallest vehicle that will accommodate the number of passengers and materials.

Avoid one-person trips. Use one vehicle for several passengers traveling in the same general area.

Engines should not be left running while vehicles are parked. Do not idle for long periods of time. Limit idle time to approximately 1 min.

All trips, particularly those in metropolitan areas of heavy traffic, should be planned to avoid times and areas of peak congestion. The destination should be accurately known and the best and shortest route should be arranged before all travel begins. Use routes with a minimum number of traffic signals and stop signs.

Travel at moderate speeds. Fuel consumption increases significantly with speed.

Maintain tire pressure to tire manufacturers' recommendations to reduce rolling resistance.

There should be no over-filling of fuel tanks. A precautionary word to the attendant is usually sufficient.

Fuel tank caps should be checked to ensure that they are in good condition and fit properly. Refuel vehicle during the early part of the day.

Wheels should be properly aligned and balanced to reduce drag and excessive tire wear.

Most importantly, engines should be kept properly tuned for best efficiency. This is especially essential with the emission control systems and fuel conservation devices present on newer vehicles.

Some Centerites must file financial interest statements

Civilian employees (GS-13 and above) and military officers (rank of commander and above), whose basic duties involve responsibilities in making a government decision or action that ultimately may have a significant economic impact on the interests of any non-Federal entity, are required by the Department of the Navy to file each year a Confidential Statement of Employment and Financial Interests (DD Form 1555).

The foregoing does not apply to civilian employees GS-16 or above, or military officers of the rank of rear admiral or above, who are required to file a SF 278 under the Ethics in Government Act of 1978.

Standards of conduct and DD Form 1555 filing requirements will be the topics of briefings that have been scheduled at 9 a.m. on Tuesday, Oct. 2, and at 1 p.m. on Thursday, Oct. 4, in Conference Rm. 1000D, Michelson Laboratory.

All GS-13s and above and military officers with the rank of commander and above are encouraged to attend one of the briefings, which will be conducted by LCDr. Perry Patterson, the NWC Staff Judge Advocate.

Safety of liquefied natural gas being tested by scientists here

Several explosions originating near the Salt Wells area of the Naval Weapons Center have been heard recently by residents in the Ridgecrest-China Lake area.

The explosions have been the result of a safety study of liquefied natural gas (LNG) being undertaken for the U.S. Coast Guard by the Explosive Technology Branch Code 262, of the Ordnance Systems Department's Conventional Weapons Division.

Accidental release of LNG from a tanker offshore would cause the formation of a large vapor cloud, because LNG boils when it comes in contact with water.

In the ongoing study at China Lake, NWC scientists are attempting to find out what happens if part of such a vapor cloud seeped into the sewer system of a city and a detonation occurred in the sewer. They want to know if the detonation in the sewer would in turn detonate the vapor cloud in the free air.

John Whitson, Code 3262, states that although all of the tests have not been completed, it appears that there is some chance that a sewer detonation would set off the vapor cloud.

Project engineers at Salt Wells use an 8 ft. diameter culvert, 20 ft. long, to simulate the sewer. The culvert is buried vertically in the ground so that all but a small portion is below grade. Over this, a 32 ft. radius plastic hemisphere is placed to contain the "vapor cloud."

A mixture of propane and methane fuel is fed into both the culvert and the hemisphere. Then a sheet explosive charge at the bottom of the culvert is remotely detonated, causing deterioration of the mixture in the culvert.

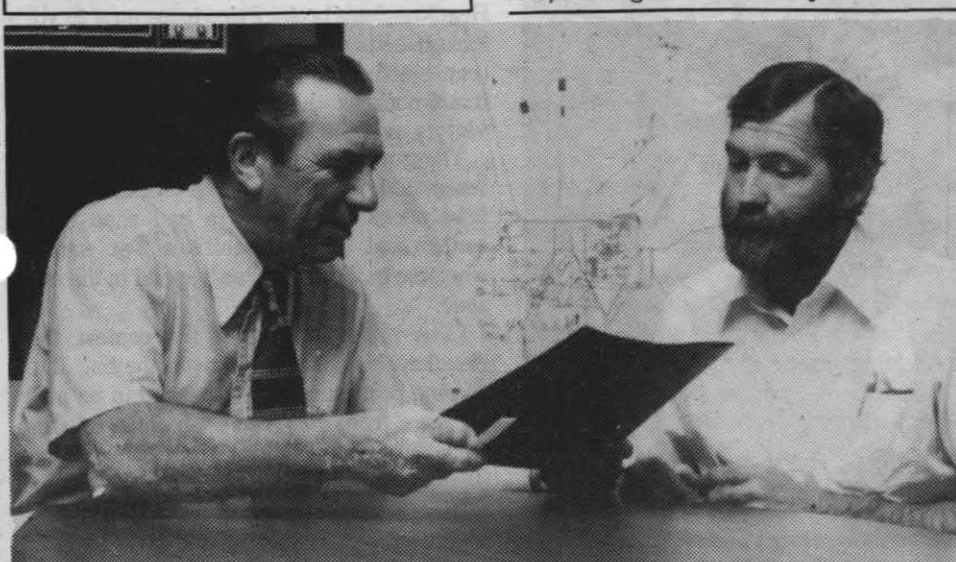
When the detonation wave leaves the culvert, the cloud in the hemisphere may detonate as it did in tests on Aug. 10 and Sept. 13, 1979. However, in other simulated

Timecards must be turned in early because of holiday

All individuals responsible for the submission of employee timecards are reminded by the Payroll Office (Code 08641) that, because of the Columbus Day holiday on Monday, Oct. 8, all timecards for the regular workweek ending on Oct. 6, must be turned in by 11:15 a.m. next Friday, Oct. 5.

This is necessary in order for the processing of timecards to be completed on Oct. 5. No timecards are to be withheld, since failure to provide the Payroll Office with an accurate time card by the Oct. 5 deadline may result in a delay in pay for the employee.

The Payroll Office also advised that any overtime worked on Friday night, Oct. 5, or Saturday, Oct. 6, should be submitted on a supplemental timecard to the Payroll Office no later than 8:30 a.m. on Tuesday, Oct. 9.



A GOOD IDEA — Charles R. Pappe (right), Code 6223, receives a check for \$250 for a Beneficial Suggestion from C. J. DiPol, head of the NWC Range Department. Pappe's suggested that the electric matches used for starting fires in oil pool tests be replaced with glow coils and book matches. This will result in an annual savings of about \$4,400 to the Center. — Photo by PH2 Tony Garcia

tests where the "vapor cloud" was of a different fuel composition, no explosion occurred in the hemisphere.

IWV residents are likely to hear several more such explosions, since approximately three more tests will be conducted at Salt Wells before the project is completed in October.

LNG safety is a prime concern of the Coast Guard, which is a part of the U.S. Department of Transportation, because two LNG terminals are already being operated on the East Coast and four more will be constructed — one of these on the West Coast.

'Hail, farewell' fete for military officers scheduled tonight

A hail and farewell party honoring incoming and departing military officers of the Naval Weapons Center will be held tonight at the Commissioned Officers' Mess.

Following a social hour from 5:30 to 6:30 p.m., Capt. William B. Haff, NWC Commander, will officiate at a welcoming ceremony for the new arrivals. Capt. Haff will also honor one departing officer and his wife with special presentations.

Those wishing to remain for dinner at 7 p.m. are asked to make their own reservations by calling the COM at 446-2549. Civilian guests are invited to attend the festivities.

The recent arrivals at NWC who will be introduced are Capt. Louis P. Aldana, NWC Vice Commander; Capt. James E. Doolittle, Deputy Test and Evaluation Director and head of the Aircraft Department; and Cdr. Dennis E. Becker, Chief of the Projects Office, Test and Evaluation Directorate.

The officer who will be leaving China Lake is Lt. Duane A. Andre, Electronics Maintenance Officer and Aircraft Intermediate Maintenance Division Officer.

Capt. William Haff to speak at next Navy League meeting

Capt. William B. Haff, Naval Weapons Center Commander, will be the guest speaker at the next monthly meeting of the Indian Wells Valley Council of the Navy League on Thursday, Oct. 11, at the Commissioned Officers' Mess.

The Navy League get-together will start with a social hour at 6:30 p.m., followed by a dinner of teriyaki steak, rice and Japanese vegetables served at 7:30.

The deadline for reservations, which may be made by calling Tom Andress at 446-5763 or 446-5914, or Irene Rainey at 377-427, is Monday, Oct. 8.

A month-long membership drive will be held by the IWV Council of the Navy League during October with Loren Kinne at 375-5555, serving as membership chairman.



LATEST ADDITION — Officers of the China Lake Navy Flying Club inspect a T-34-B Mentor, given to the club by the Navy, at Armitage Airfield. Looking the new aircraft over are (l.-r.) Maurice Hamm, Code 61202, club treasurer; Lynn Satterthwaite, Code 0631, check pilot and instructor; Mark Backes, safety officer and check pilot; and Carol Williams, club president. Membership in the China Lake Navy Flying Club is open to all active and retired military personnel and their dependents, active duty reserve military, and NWC civilian employees. Applications for membership are available at the Community Center or copies can be requested by calling the club's answering service — 446-4334.

Small package delivery service by Public Works proven practical

Small package freight delivery service, first implemented on a trial basis by the Public Works Department, has proven to be workable — now the only requirement is more utilization.

Freight deliveries will be made by taxi operators, who will receive instructions by radio on where to pick up items and make deliveries.

The service will be provided within the taxi operating area, and although priority use of the vehicles will be to transport personnel, the response time for the delivery service will not exceed 30 minutes.

Items to be delivered must not exceed 40 lb. and be small enough to fit in the taxi without restricting the movements of the operator. Customers should not request the service for classified material for which a clearance and signature is required, articles requiring receipt signatures and delivery receipt, fragile material, flammables or explosives.

The out-of-taxi time of the operator is critical and must be minimized. As a guide to the users of the service, the taxi operator should be able to park his vehicle close to the pick up point; the article(s) to be picked up should be delivered to the operator if possible, otherwise be held by a receptionist or other person at the entrance to the building.

Delivery should be made to a receptionist or other readily and pre-established contact. Each article should be clearly marked as to person and place of delivery. Arrangements for utilizing this service can be made by calling the taxi service telephone numbers, NWC Ext. 2280 or 2838.

Promotional opportunities . . .

(Continued from Page 2)

File applications for the above with Janet Thomas, Bldg. 34, Rm. 204, Ph. 2577.
Sheetmetal Mechanic, WG-3804-10, JD No. 325, Code 34471 — (2 vacancies) This position is located in the Engineering Prototype Division, Engineering Department. Incumbent fabricates missiles, rocket motors, rocket sleds, electronic chassis, panels, cabinets and parts requiring the application of the full knowledge of the sheetmetal trade. Work is done to close tolerance, requiring the forming of unusual shapes and forms. The work includes shaping, cutting and assembly. **Job Relevant Criteria:** Ability to operate stationary metalworking equipment; ability to follow instructions, specifications, etc. (includes blueprints); ability to perform layout and pattern development from blueprints, drawings and sketches; ability to use hand and power tools; knowledge of metals used in the trades; ability to do the work of the position without more than normal supervision. Promotion potential to WG-11. Supplemental qualifications statements are required and can be picked up in the Personnel Bldg. Rm. 206. Applications will be accepted from both NWC employees and status eligibles.

Quality Assurance Specialist (Electronics), GS-1018-12, PD No. 7526151E, Code 3482 — Position is located in the Quality Assurance Branch, Product Assurance Division, Engineering Department. Incumbent serves as electronics specialist within the QA Branch (provides expertise on avionics systems, guidance and control systems, and electronic assemblies and parts) in addition to providing general QA support to weapon programs (e.g., certification to WS-450).

File applications for the above with Marge Stanton, Bldg. 34, Rm. 206, Ph. 2725.
Electronics Engineer, GS-855-11/12, PD No. 7939102, Code 3796 — This position is located in the Systems Integration and Evaluation Branch, Special Projects Division, Weapons Department. The incumbent is the flight test engineer for several air-to-surface weapon programs in the department. Duties include writing test plans, coordinating flight hardware, scheduling aircraft and ranges, assuring aircraft/weapon compatibility, performing NFO (Naval Flight Observation) duties on specific projects, conducting flight tests and writing test reports. The incumbent also is assigned as a project engineer to specific programs as is appropriate. **Job Relevant Criteria:** Knowledge of current weapon and avionics systems; ability to write test plans / procedures and to coordinate elements necessary to conduct a flight test; knowledge of project engineering and ability to work with personnel both on and off Center in achieving project / flight test goals; ability to communicate effectively both orally and in writing.

File applications for the above with Kitty Berry, Bldg. 34, Rm. 206, Ph. 2723.
Secretary (Typing), GS-318-5, PD No. 7742034N, Code 422 — This is a temporary NTE one year promotion opportunity which may lead to a permanent promotion. This position is that of secretary to the head, Range Operations Division. In this capacity, the incumbent will maintain the division head's calendar, arrange meetings and conferences, receive and screen office and telephone callers, and screen incoming correspondence requiring division head action. The incumbent also performs clerical work in support of the division head's activities. **Job Relevant Criteria:** Telephone answering skills, typing ability, reliability and dependability; ability to deal with the public.

Engineering Technician, GS-802-9/10/11, PD No. 7942071N, Code 42231 — This position, located in the Ground Operations Branch of the Range Department, is involved in the specific planning and direction of ground launched missile, rocket, projectile, etc., test events. The incumbent's involvement encompasses specific test facilities used, auxiliary equipment employed, layout, fire control, safety procedures, and overall test conduction. **Job Relevant Criteria:** Knowledge of ordnance equipment; knowledge of ordnance testing procedures; ability to effectively work with technical personnel.

File applications for the above with Bonnie Owens, Bldg. 34, Rm. 204, Ph. 2577.

Greenskeeper, NA-3554-06, \$4.20 PH plus benefits, Code 0891 — Golf Maintenance, permanent full-time — This is not a Civil Service position. Incumbent maintains complex automatic and manual irrigation systems; installs pipe; assists in programming the irrigation system; maintains course performing full range of greenskeeper's duties as needed. **Qualification Requirements:** Must possess a working knowledge of basic electricity, plumbing and shop mathematics; ability to use hand tools; must be able to obtain a government driver's license. **Physical Effort:** Ability to pull, push and carry objects weighing up to 75 lb. This is a Merit Promotion position for current Code 089 nonappropriated fund employees only.

File applications for the above position with Cheryl Hartley, Code 089, Bldg. 21, Ph. 2387.