



FUN AT SUMMER FAIR — A throng, estimated at more than 5,000 persons, turned out Saturday night for the Lions Club-sponsored summer fair that was held at the Desert Empire Fairgrounds in Ridgecrest. A much smaller number of fun-seekers was on hand on Friday and Sunday evenings to enjoy the big wheel, sky diver ride (in top photo), major attraction on the summer fair midway. There also were some carnival rides provided strictly for tiny tots, as well as food and refreshment booths manned by the Knights of Columbus, NAACP and the Ridgecrest Lions Club. All proceeds from the summer fair will be used by the Lions Club to support a variety of youth and community service programs.



Annual ice cream social to be held next Tues. on All Faith Chapel lawn

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, from 6 to 8:30 p.m., on the lawn of the All Faith Chapel.

Not only will there be ample servings of ice cream along with the patron's choice of either homemade cake or pie, but coffee or punch also will be included for donations of 75 cents each by adults and 35 cents for children 11 years of age and under.

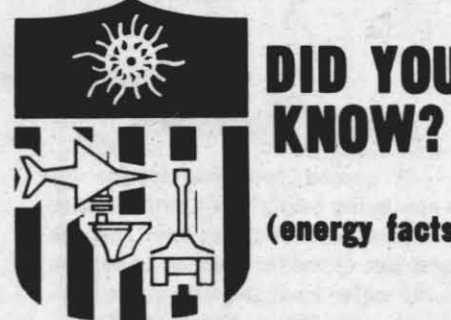
Tickets to the ice cream social can be obtained in advance on weekdays at the All Faith Chapel office, on Sundays following the regular Protestant Congregation service, and also will be sold on Tuesday evening.

A large enough number of tables to handle the anticipated throng of 1,000 to 1,500 persons who regularly attend this event will be set up in a shaded area. In addition to the tasty dessert items that will be served, there will be musical entertainment by Ken Robinson's Dixieland band and members of the Junior and Senior High youth groups will have a sponge throw and dunking tank booth in operation to help raise additional funds.

"Happy Birthday, America" is the theme of this year's ice cream social, which has

been planned by Bev Atkins and Mary Netzer, as co-chairmen. They have asked that those who will be donating homemade ice cream, cakes or pies bring them to the East Wing of the All Faith Chapel at any time between noon and 6 p.m. on Tuesday.

Money raised by the ice cream social will be donated to the following Protestant Congregation mission projects: Teen Challenge, Rescue Mission and Friendship House, all in Bakersfield; to the Wycliffe Bible translators; to the Ludhiana Christian Medical College in India, and to Project Concern in Mexico.



DID YOU KNOW?
(energy facts)

That with the increasing cost of electricity it is now worthwhile and very cost effective to turn off fluorescent lighting whenever the light will not be needed for just 10 minutes.

Signups surge for Cub Scout Day Camp at NAF swim pool

Signups are going well for the annual Cub Scout Day camp which will be held at the Naval Air Facility pool this coming Monday through Friday, according to Norm Wiseman, Scout District executive.

The program will include instruction in basket, rope and candle making, leather craft, plaster casting, photography, first aid, and bicycle and fire safety. In addition, there will be an hour-long swim period and a cookie and punch break each day.

The Navy will provide transportation for participants from the NWC main gate each day at 1 p.m. and return them there from the pool at 5 p.m. Parents are requested to pick up their youngsters at the main gate promptly at 5.

Cost for the camp is \$5 per boy. Scouts may register by contacting their cubmaster or by phoning Wiseman at 375-8792 or Bill Cooper at 446-5734. Boys 8 through 10 years of age who are not Scouts but who would like to participate may also register by calling the above numbers. Signups will be taken as late as 1 p.m. Monday at the main gate parking lot.

Registration may now be made for the Cub-o-ree to be held July 23 through 25 at Camp Nick Williams in the Piute Mountains. Persons desiring to take part in this father-son campout may register by calling Herb Guest at 446-5678. Anyone bringing alcoholic beverages onto the premises will be asked to leave, according to Wiseman.

Disney cartoon set Wednesday as next Youth Ctr. matinee

"Fun and Fancy Free," a two-part cartoon by Walt Disney, will be offered as the Youth Center matinee at the Center theater next Wednesday at 1:30 p.m.

The first part of the film deals with the animated adventures of Bongo, a little circus bear who escapes from carnival life to find freedom in the forest.

In the second part of the film, Mickey Mouse, Donald Duck and Goofy join in a new version of the familiar "Jack and the Beanstalk" tale, mixed with live action by the Edgar Bergen-Charley McCarthy ventriloquist team.

Youth Center matinees are open to dependents of active duty and retired military personnel and civilian employees of the Naval Weapons Center. The price of admission is 50 cents for Youth Center members and 75 cents for non-members.

Workshop slated at Community Center on Israeli dances

An Israeli Dance Workshop, sponsored by the China Lake Desert Dancers, will be held on Saturday, July 24, at the Community Center from 9 to 11:30 a.m. and 2 to 5 p.m.

The workshop will be conducted by Jaakov Eden, director of the Banevolk folk dance group of Ball State University in Indiana. Originally from Israel, Eden became a student of folk dance at the University of Oregon and has since taught folk dance workshops across the country.

In addition to the workshop, a folklore session will be held from 11:30 a.m. to 12:30 p.m. and general folk dancing will be from 7 to 10 p.m.

The admission price for the evening dance is \$1 or \$3 for both the workshop and evening dance. Further information can be obtained by calling 446-6027 after work.

Enlisted Club dances set

An "oldies but goodies" band from the Los Angeles area is scheduled to perform at Enlisted Club dances tonight and tomorrow night from 9 until 2 a.m.

Tonight's dinner special will be steak and lobster, and tomorrow's will be prime rib, served from 6 until 8:30.

SHOWBOAT

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

(G) - ALL AGES ADMITTED
General Audiences
(PG) - ALL AGES ADMITTED
Parental Guidance Suggested
(R) - RESTRICTED
Under 17 requires accompanying Parent or Adult Guardian
CS - Cinemascope
STD - Standard Movie Screen
Regular starting time—7:30 p.m.
Program subject to change without notice — please check marquee.

FRI. 16 JULY

"RIVALRY" (104 Min.)
Joan Hackett, Scott Jacoby
(Suspense Drama) A precocious 10-year-old objects to his mother's remarriage and plans a deathtrap for his stepfather. But his mother dies instead and the boy withdraws into his own world.
(R)

SAT. 17 JULY

"MUSTANG COUNTRY" (92 Min.)
Joel McCrea, Robert Fuller
(Nature-Drama) Joel McCrea, ex-rodéo star, is intent on winning a \$500 bounty promised by the Cattlemen's Association for anyone able to capture "the only mustang that got away from the previous year's round up." McCrea is nearly drowned when thrown from his horse but is saved by his dog. He is finally nursed to life by an orphaned Indian boy, who joins him in the great stallion chase.
(G)

SUN. 18 JULY

"LIES MY FATHER TOLD ME" (102 Min.)
Yossi Yadin, Len Birman
(Drama) This film deals largely with a young boy's love for his Orthodox Jewish grandfather, a junk dealer who is all the things grandfathers are supposed to be. Jeffery's grandfather is a humble man with a poet's approach to life and passes on to the boy wisdom which contrasts sharply with the ideas of his father, a materialistic, would-be inventor who lives on dreams of fame and wealth.
(PG)

MON. 19 JULY

"EVERY LITTLE CROOK AND NANNY" (92 Min.)
Victor Mature
(Comedy) Victor Mature demonstrates a unique flair for broad farce as a dominating gangland czar whose son is abducted by a rank novice to the kidnapping profession. Lynn Redgrave is the "Nanny" behind the kidnapping plot, carried out to get even with Mature for disrupting her livelihood as a classic dance teacher.
(PG)

TUE. 20 JULY

"LEADBELLY" (126 Min.)
Roger Mosely, Paul Benjamin
(Drama) This film is based on the true story of the late famous black folk singer Huddie Ledbetter.
(PG)

WED. 21 JULY

"SIDEKAR RACER" (100 Min.)
Ben Murphy, Wendy Hughes
(Drama) Former gold medal Olympic swimmer (Ben Murphy) leaves the U. S. enroute to Australia. He first meets Lynn (Wendy Hughes) whom he succeeds in having released from shoplifting charges and to whom he offers a ride home. She insists on having him meet Dave (her roommate) who is a dedicated sidecar racer. Jeff is introduced to the sport, finds the challenge of sidecar racing hard to resist and agrees to a practice run with Dave. Despite an initial fall, Jeff shows championship potential as a sidecar racer.
(PG)

THURS. 22 JULY

"KILLER ELITE" (123 Min.)
James Caan, Bo Hopkins
(Action-Drama) This action-drama stars James Caan as a secret agent for the CIA who falls victim to trickery within his organization.
(PG)

FRI. 23 JULY

"BAD COMPANY" (93 Min.)
Barry Brown, Jeff Bridges
(Western) In this film of friendship and self-survival set in the 1860s, a rough group of young runaways survives by their wits and natural instincts, until the West turns out rougher than they expected.
(PG)

U.S. Government Printing Office: 1976 - 642 / N0418

From: _____

To: _____

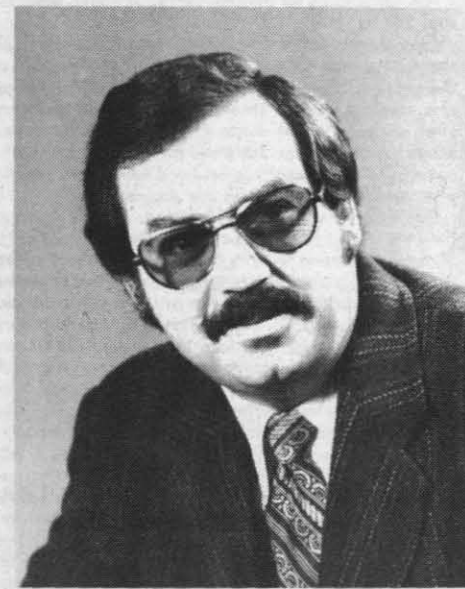
PLACE STAMP HERE

Observance of Nat'l Space Wk. to begin Sunday

The local observance of National Space Week, July 18 through 24, will be highlighted by a dinner on Tuesday evening at The Hideaway in Ridgecrest and by a tour of Rockwell International's Orbiter 101 Space Shuttle facility in Palmdale next Friday, July 23, starting at 8 p.m.

Arrangements for this area's participation in National Space Week, including the signing of a proclamation by Rear Admiral R. G. Freeman III, NWC Commander, and Ted B. Edwards, Mayor of Ridgecrest, have been made by nine local chapters of engineering societies working together as the High Desert Engineering Association (HIDEA).

The featured speaker at Tuesday night's dinner meeting, which is scheduled to get



George Cambetes
under way with a social hour at 6 o'clock, will be George Cambetes, who is employed as the associate for manufacturing liaison Rockwell International Corp.'s Space Division.

During a talk illustrated by film slides, Cambetes will present information on the role of the space shuttle program, including a discussion of its mission profile. The speaker also will emphasize some of the benefits that have been realized by the general public by such programs as Apollo

(Continued on Page 3)

Request approved to have Wherry homes declared excess

The Subcommittee on Military Installations and Facilities of the House Armed Services Committee, chaired by Representative Richard H. Ichord of Missouri, recently approved the Navy's action to excess 600 units of Wherry Housing located on 123.6 acres of land at the Naval Weapons Center.

This Congressional action clears the way for the Navy to pass the action to the General Services Administration for actual disposal.

The committee hearing was an open session held just prior to the adjournment of the Congress for a summer recess.

This affirmative action by the Subcommittee was communicated directly to the Office of the Secretary of the Navy, who then forwarded it to the Naval Facilities Engineering Command, Washington, D.C., in a letter from Melvin Price, chairman of the House Armed Services Committee.

The approval is now in transit to the Naval Facilities Engineering Command's Western Division offices located in San Bruno, Calif. That office will then transmit the package describing the property to be excessed to the General Services Administration for the actual administration of the sale of NWC's Wherry housing to the public.

Informal estimates indicated that it will take about one month for the GSA to actually receive written notification of the formal Congressional approval.



Naval Weapons Center
China Lake
California

July 16, 1976
Vol. XXXI, No. 27

Charting movement of air pollutants by balloon flight proves to be successful

A very good flight that accomplished most of its objectives was the summation given recently by Jimmie Craig, an NWC employee who has had extensive experience in piloting balloons, regarding the latest Da Vinci II manned, scientific balloon flight.

Craig, program manager of the Weapons Department's Swimmer Vehicle Program, was the pilot for what was the second in the Project Da Vinci series of flights that are being undertaken in order to probe and chart the movement of air pollutants emanating from a major American city.

This is a joint project of the Energy Research and Development Administration (ERDA), the National Oceanic and Atmospheric Administration (NOAA), and the Environmental Protection Agency (EPA).

The balloon, which is 70 ft. high and 70 ft. in diameter, carried aloft four crew members who rode in a 10 ft. square gondola that was suspended 70 ft. below the balloon itself. In addition to Craig, the crew members were Dr. Rudolf J. Engelmann of NOAA, who conceived the total scientific program for the flights; Vera Simmons, the co-pilot, who originated the idea for Project Da Vinci and is an experienced balloonist, artist and inventor, and Otis Imboden, a National Geographic Society photographer.



READY FOR LIFT OFF — Members of the Da Vinci II crew are shown as they waited for lift off from Arrowhead Airport near St. Louis, Mo. They are (l.-r.) Dr. Rudolf J. Engelmann, Jimmie Craig, Vera Simmons and Otis Imboden. Behind them may be seen a portion of the balloon gondola in which they rode. —ERDA photo by Ed Westcott

Balloon Well Suited for Tests
According to Craig, most significant of the objectives met by this flight of Da Vinci II was proof that a balloon is a very fine platform from which to measure atmospheric pollution. Thanks to Craig's expertise as a balloon pilot, the gondola and its more than 2,000 lb. of scientific equipment landed safely and in good condition after a 24-hour flight.

The purpose of the flight was to follow industrial and urban air pollution into the surrounding countryside, and to record its changing concentration and chemistry.

Following its take-off at around 9 a.m. from a small airfield located 15 miles west of St. Louis, Mo., the balloon (which was flown at altitudes from 1,000 to 3,000 ft.) remained in a stagnant air mass right over St. Louis. After flying a zigzag course over

(Continued on Page 3)

CNM Position Management Team here to study grade level control problem

A Chief of Naval Material Position Management Team from Washington, D.C., has been here this week to discuss local implementation of instructions received from the Secretary of the Navy regarding the policy on General Schedule (GS) grade level control.

This ad hoc group was chosen by James

H. Probus, the CNM's Director of Navy Laboratories, to see what steps have been taken to remedy the "grade creep" problem in both GS and wage grade (WG) positions.

The CNM Position Management Team is headed by Allen Johnson, from the Office of Civilian Manpower Management, and two management consultants, Robert Reynolds and Harold Metcalf. The latter is an ex-China Laker who left his job here in 1969 as associate head of the former Weapons Development Department to join the Peace Corps as director of training for the overseas and domestic professional staff.

The visitors were met and accompanied to meetings with Center officials and employees by Ralph O. Disch, who is the newly-appointed NWC Position Management Officer. This was their fourth visit to a Navy laboratory.

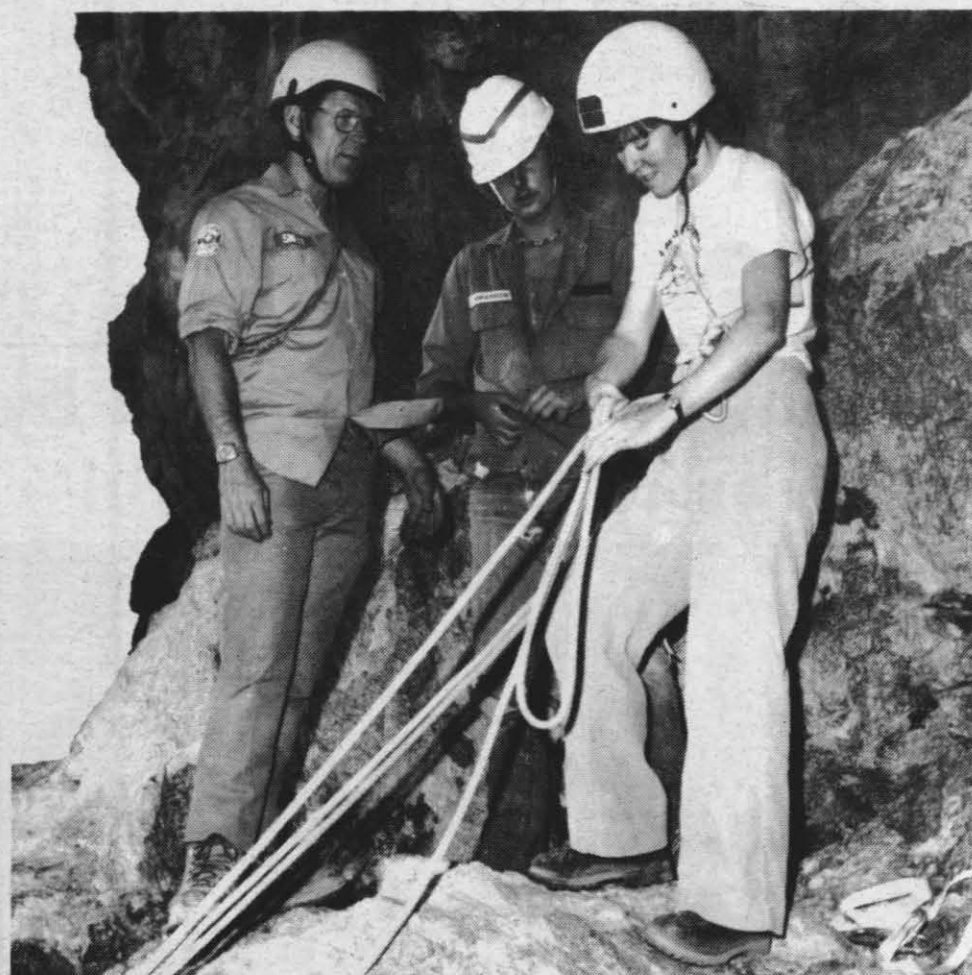


POSITION MANAGEMENT PROBLEMS EXAMINED — Meetings with the NWC Commander and Technical Director, with department heads and with large groups of supervisors were held this past week by members of a Chief of Naval Material Position Management Team who were here to present information and receive local input about steps that have been taken to carry out SecNav instructions regarding grade level control. Shown with Ralph O. Disch (at left), the NWC Position Management Officer, are (l.-r.) Allen S. Johnson, Harold E. Metcalf and Robert E. Reynolds. —Photo by Pete Anders

Many involved in Discussions
While here they asked questions, presented information and were involved in discussions with Rear Admiral R. G. Freeman, NWC Commander; Dr. G. L. Hollingsworth, NWC Technical Director; Eva Bien, head of the Personnel Department; and also attended a meeting with all NWC department heads. In addition, they talked with non-supervisory GS-12s and above who have been hit by the high grade constraints, and large groups of supervisors, Mrs. Bien said. They provided meaningful, factual data on the pressures facing the Navy in grade control.

The CNM Position Management Team will report back to the Director of Navy Laboratories, giving him the latest information on what the Navy laboratories

(Continued on Page 4)



AT ROBBERS ROOST — Nearing its finale is a six week course in the basic skills of mountaineering that has included classroom sessions at Cerro Coso Community College and practice at Robbers Roost. Members of the China Lake Mountain Rescue Group have conducted the training, which is to be climaxed on the weekend of July 24-25 by a climb up either Lone Pine Peak or Mt. Carillon. In the top photo, Hank Snell (on left) is explaining to John Swanson and Shelley Mercer how to go about setting up a rappel anchor to use in descending from a rocky peak. In the lower photo, Dennis Cowie, a student, is practicing knot tying under the watchful eye of Tom Stogsdill, another one of the instructors. The class has 60 students and 15 instructors, led by Dr. Carl Heller and Janet Westbrook.



3 full-time faculty members join Cerro Coso College teaching staff

Three full-time faculty members have been added to the teaching staff at Cerro Coso Community College following favorable action by the Kern Community College District board of trustees. They are Dr. Allison Swift, Myrna Manley and Jeannette Bournival. Dr. Swift has accepted the position of director for the college Learning Resources Center. She earned a Ph.D. in library-media from the University of Colorado and has more than six years of library experience. Miss Bournival has been chosen to serve as instructor in the Office Careers Center at the college. She holds a master's degree from Boston University in the field of business education, has taught several years on the community college level, and is

owner-manager of the East San Diego Secretarial Service.

As a part of the Cerro Coso Community College Southern Outreach Program, Mrs. Manley will be a math instructor at the Edwards campus. She holds a master's degree in educational media from Cal State Long Beach and has been employed as a part-time music instructor within the program.

Winnie Nelson, previously a part-time music instructor at the college, will assume the position of director of music to replace Gordon Trousdale. Trousdale has accepted a fellowship with the National Endowment for the Humanities for the 1976-77 school year.

Promotional opportunities

Unless otherwise specified in the ad, applications for positions listed in this column will be accepted from current NWC employees and should be filed with the person named in the ad. All others desiring employment with the Naval Weapons Center may contact the Employment-Wage and Classification Division, Code 452, Ext. 2569. 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 456 or 457). Advertising positions in the Promotional Opportunities column does not preclude the use of alternate recruiting sources in filling these positions. As part of the rating process, a supervisory appraisal will be sent to the current supervisor and the most recent previous supervisor of those applicants rated as basically qualified. The Naval Weapons Center is an equal opportunity employer and selection shall be made without discrimination for any nonmerit reason. The minimum qualification requirements for all GS positions are defined in CSC Handbook X-116, while those for all WG, WL and WS positions are defined in CSC Handbook X-118C.

Planner & Estimator (General), WD-4701-08, JD No. 404, Code 7081 — This position is located in the Maintenance Control Division of the Public Works Department, Naval Weapons Center. The incumbent provides detailed manpower/material estimates in support of facility maintenance for the entire laboratory. This includes inspection, job write-up, material lists and sketches for construction, alteration, repair and maintenance. **Job Relevant Criteria:** Knowledge of trades and associated technical practices, ability to meet deadlines under pressure, ingenuity (ability to suggest and apply new methods), ability to communicate (skill in written and oral expression), to work with others, and to plan, estimate, progress and schedule production.

Lead Purchasing Agent, GS-1105-07-08, PD No. 7625015E, Code 2522 — The position is located in the Small Purchase Branch, Procurement Division, Supply Department. The incumbent serves as a section supervisor, and, as such, assigns and reviews work related to small purchase procedures and trains new employees. **Job Relevant Criteria:** Supervisory experience, knowledge of small purchase procedures and the ability to communicate effectively.

File applications for the above with Terry Rowell, Bldg. 34, Rm. 212, Ph. 2371.

Clerk-Typist, GS-301-3/4, PD No. 7453032, Code 534 — This is an intermittent position located in the Graphic Arts Division of the Technical Information Department. The incumbent prepares correspondence from rough drafts, notes or verbal instructions for the entire division. The incumbent also prepares supply requisitions, work requests and other similar requests requiring an official form and is responsible for records management and information transmitted within the division. The incumbent also receives visitors and phone calls. **Job Relevant Criteria:** Ability to type efficiently and accurately, to meet deadlines under pressure and to work well with others; demonstrated ability to tactfully receive visitors and phone calls; knowledge of current records management policies.

Photographer (Scientific and Technical), GS-1066-7, or **Photographer**, GS-1066-5/7, PD No. 7653070, Code 531 — Incumbent provides services of a scientific and technical photographer and as such handles and photographs (still and motion picture) a variety of hardware and materials in the studio and the range areas. Processing of a variety of films in color and black and white is required. **Job Relevant Criteria:** Ability to properly compose, expose and process black and white and color films under adverse conditions; familiarity with standard still and motion picture cameras and accessories.

Photographer (Lab), GS-1066-5, PD No. 7653069, Code 531 — The incumbent performs all standard compensating techniques necessary to produce accurate and precise photographic prints and transparencies using various types of enlargers and contact printers. This includes all related finishing duties. **Job Relevant Criteria:** Basic knowledge of laboratory processes involved in preparing still prints and transparencies; knowledge of use of automatic printing and processing equipment; ability to use effectively basic technical publications.

Clerk (Typing), GS-301/4/5, PD No. 4975026, Code 531 — Working in the division office, incumbent provides general clerical, filing, receptionist and typing duties to the publications officer and head of the Publications Division of the Technical Information Department. This includes maintaining the division head's calendar, routing mail within the division, maintaining division files, collecting information needed by the division head for reports and presentations, and maintaining publication data records. **Job Relevant Criteria:** Experience in establishing and maintaining file systems, ability to compile information for reports and familiarity with Navy Correspondence Manual.

Electronics Mechanic (Maintenance), WG-2663-11, JD

No. 465, Code 70431 — Duties of this position are to lay out, plan, design, build, test, install, maintain, troubleshoot and repair all types of highly complex integral devices, sub-assemblies and complete electronic units such as remote control and telemetry, instrumentation, data recording, boiler flame safety devices, diathermy, X-ray, electro-cardiac monitors and recorders, security alarms and devices, and voltage and frequency controls for power generating equipment. **Job Relevant Criteria:** Ability to do the work of the position without more than normal supervision; knowledge of internal equipment operation, control and control repair; ingenuity and knowledge of electrical and electronic theory and use of test equipment; ability to troubleshoot and to interpret instructions, blueprints, schematics, specifications, etc.

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

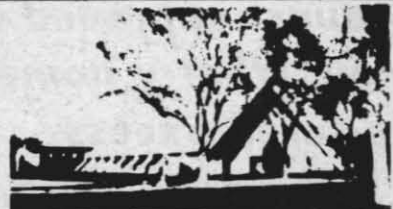
Clerk-Typist, GS-322-3/4, (WAE), PD No. 7637046, Code 2706 — This position is located in the Test and Evaluation Department, incumbent types official letters, maintains files, receives visitors, answers telephones and performs other various clerical duties for division and branches within the department. **Job Relevant Criteria:** Reliability and dependability, ability to get along with others in work group and to type efficiently and accurately.

Supervisory Police Officer, GS-083-9, PD No. 7384014, Code 843 — This position is located in the Police Division, Safety and Security Department. Primary duties include the supervision and/or performance of investigation, collection and preservation of evidence, apprehension of suspects, preparation and presentation of cases in court, handling of juvenile offenders and liaison with other law enforcement agencies. **Job Relevant Criteria:** Experience in police administration, investigative techniques, criminal law, juvenile procedures, and report writing. Previous applicants need not reapply.

Safety Engineer, Safety Specialist, GS-0185-7/9, PD No. 7484013, Code 845 — This position is located in the Explosives and Laboratory Safety Division of the Safety and Security Department. This is a training position for work in the propellants and explosives safety area. **Job Relevant Criteria:** Must have a strong background or degree in chemistry, chemical engineering or other physical sciences; must deal effectively both verbally and in writing with trades as well as scientific groups; must be able to present informational and training material to supervisors and employees. Promotion potential: GS-11.

Firefighter, GS-081-5, PD No. 724014, Code 842 — This position is located in the Fire Division of the Safety and Security Department. Major duties include driving and operating structural pumps and any type crash fire trucks, responding on ambulance calls as either driver or attendant, inspection of Center's building and property, and conducting training classes for trainee firefighters. **Job Relevant Criteria:** Knowledge of locations (streets, water distribution, alarm detection systems, buildings, contents/layout, etc.); ability to operate firefighting apparatus and equipment (trucks, pumping systems, nozzles, rescue equipment); driving ability (proper use of gears, clutch and brakes; demonstrated safe, smooth and effective operation of vehicles); knowledge of fire

(Continued on Page 5)



DIVINE SERVICES

PROTESTANT
 Sunday Worship Service 1015
 Sunday School — All Ages 0900
 Wednesday Noon Bible Study 1130
 Sunday School Classes are held in Chapel Annexes 1, 2, 4 (Chapels 3, 4, 8) located opposite the Center Restaurant.
 Communion Service First Sunday of the Month.

ROMAN CATHOLIC
 MASS
 Saturday 1700 fulfills Sunday obligation
 Sunday 0700 0830 1130

BLESSED SACRAMENT CHAPEL
 MASS
 Daily except Saturday 1135

CONFESSIONS
 Daily 1115 to 1130
 Saturday 1530 to 1645
 Sunday 0800 to 0825

RELIGIOUS EDUCATION CLASSES
 Sunday Pre-school thru 6th grades 1015
 Wednesday First thru sixth 1530
 seventh & eighth 1900
 (Junior High)

LENGTH OF SERVICE RECOGNIZED — R. H. Booth, an electronics technician in the Guidance and Navigations Systems Branch of the Systems Development Department's Avionics Division, was recently presented a pin denoting 30 years of Federal service by his department head, Dr. M. M. Rogers. Booth, who came to China Lake in 1951, has also worked for the U.S. Post Office in Los Angeles and the Department of Justice, Immigration and Naturalization in San Pedro, and has served in the Army.

The Rocketeer

Official Weekly Publication
 Naval Weapons Center
 China Lake, California
 RAdm. Rowland G. Freeman III
 NWC Commander
 Dr. G. L. Hollingsworth
 Technical Director
 C. E. Van Hagan
 Head,
 Technical Information Department
 Don R. Yockey
 Editor
 James J. Stansell
 Associate Editor
 Terri Jacks
 Editorial Assistant
 Ron Allen
 Staff Photographer



DEADLINES
 Tuesday, 4:30 p.m.
 Wednesday, 11:30 a.m.
 The Rocketeer receives Armed 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.
 Phones 3354, 3355, 2347

NWC team chosen to play in 11th ND fast pitch softball tourney

A 15-man team will represent the Naval Weapons Center in the 11th Naval District's northern area fast pitch softball tournament that will be held from Monday through Friday of next week at the Naval Support Activity, Long Beach.

Mike Zych, player-coach of the China Lakers, feels that the team stands a good chance in competition with others from Pt. Mugu, Port Hueneme and Long Beach (to list a few of the entries).

The winner and runner-up in this double-elimination tournament will qualify for the all 11th ND tournament that will begin on Monday, July 26, also in Long Beach.

Ian Refo, officer-in-charge of the NWC softball team, will play right field, while Zych is one of the team's catchers. Other members of the team, and the positions they will play, are:

Barry Olson and Sam Treece, pitcher; Dennis Hayes, catcher; Sid Cavaliere, 1st base; Danny Carlson, Mike Morrow and Ed Timmons, 2nd base; Sam Goode, 3rd base; Bob Kauffman, short stop; Dave Scaff and R. W. Smith, left field; Greg Bishop, center field, and Rick Lawson, right field.

Intramural League softball standings

Results as of Tuesday, July 13:

Team	Won	Lost
Men's Fast Pitch Division		
Western Auto	12	0
Anlu Cement	11	0
John's Pizza	10	0
Roaches	8	0
Homestead	6	0
NAF	5	0
Women's Fast Pitch Division		
Comarco	11	0
Hideaway	9	0
Batty Broads	8	0
VIPS	8	0
VX-5	4	0
T. J. Frisbee	4	0
Ricardos	3	0
Down and Outers	2	0
Slow Pitch National Division		
Bird Olds	10	1
D.E.C.	8	3
VX-5	5	5
Wet Pets	3	8
Seabees	1	10
Slow Pitch American Division		
Pizza Villa	10	1
Stare Montagne	8	3
Panama Red Sox	7	4
Dispensary	4	6
Knights	3	8
NWC Zeros	1	10

'Scramble tourney' planned Saturday by Men's Golf Club

Tomorrow the China Lake Men's Golf Club will hold a "scramble tournament." Each four-player team entered will consist of one low, two medium and one high handicapper.

Teams will be drawn on the day of the tournament and a \$5 entry fee per player is required. Signup sheets are available at the clubhouse.

Every other Wednesday night beginning at 5 o'clock the course hosts "Scotch Twilight League" play between teams of male and female partners.

The event combines golf action with a potluck dinner in which participants are encouraged to bring their own steaks. Signups are being taken now at the clubhouse for the next round of play, which will be held July 14.

11th ND golf...

(Continued from Page 6)
 39 of July 2. Entries are due at 11th ND Special Services prior to July 29 for men and Aug. 5 for women. More information may be obtained by phoning them at (714) 235-3611, or Autovon 933-8611.

Safety tips

Don't trade safety in for speed
 When you use your head it's your brains you need.

Employee in the spotlight



Ray Freascher

A Navy man — in the service or out — that's Ray Freascher.

Ray, after 21 years in uniform, retired as a first class petty officer in 1966 and began his Civil Service career at China Lake the following year. Right now he's the manager of the Commissary Store, "making sure the store is in ship shape."

A native of Ashland, Wis., Ray quit school at the age of 17 in 1944 to join the Navy. When World War II ended, he was a third class storekeeper assigned to duty with a freight redistribution unit in Guam. He still remembers the goods piled up on the docks — for the ships that never came back.

Ray spent most of his career at sea — 14 years of it, in fact, and muses, "For a single man, the sea is the place to be, for all the L & R — love and recreation when you reach port." His most memorable assignment was that aboard his first ship, the Ft. Marion, a landing shop dock stationed out of San Diego, from which he figures he visited every port from Southern California to Hong Kong during the period 1947-52.

Hair-raising Moments Recalled

He can also remember a few hair-raising moments during his career, especially one which occurred in the early 1950s when his ship, the net tender USS Passaic, took a 90 degree roll in rough seas while going from Adak to Attu, Alaska. He was thrown out of his berth by freezing water which flooded not only his own quarters, but the engine room, too, and rendered the ship helpless for almost two days. Ray's also has a couple of typhoons (at sea) to his credit.

"The thing that impressed me most about the Navy was the opportunity a man has to get ahead if he wants to. And that opportunity is still there for young people today," says Ray.

During the period 1956-57 he got his first look at China Lake, when, as a second class petty officer, he was assigned to run the Commissary Store office — which was then located in the buildings that Fazio's now occupies. Ray is particularly impressed with the expansion of recreation facilities which has taken place here in the past 10 years.

While he was stationed here for that short time, Ray confesses that he "learned to love the desert, with its cool summer nights — and I didn't have to worry about slapping mosquitoes all the time, either." After his retirement from the service, he and his

wife, Janie, drove their trailer around in the High Sierras for about a month before he returned to Ridgecrest and began working as a parcel post driver for the Post Office.

"But I really missed working for the Navy," recalls Ray, who left that job after about six months in order to accept a position as manager of the Commissary Store warehouse at the Naval Weapons Center. It was two years ago that he moved over to begin his present work in the store itself.

Avid Bowler

One of Ray's major off-the-job sources of enjoyment these days is bowling. Sponsored by Ken's Liquors, he bowls in the Premier League, and also in the Friday Night Mixed Foursome League with Janie. He says he's had a bad year — 178 in one league and 182 in another — but the year before last (when he was averaging 188-190) he was named athlete of the month by Special Services.

"Bowling is a relaxing sport and you don't have to run all over the place looking for a cold beer while you're playing," says Ray in explaining his love for the pastime. It has been another important source of satisfaction for him, however. In 1974, he and Senior Chief Ship's Serviceman Jim Murphy taught a bowling class for a group of mentally retarded youngsters, and of this period, Ray recalls, "I really enjoyed working with the kids and making them happy."

Another of Ray's interests is the

Ridgecrest branch of the Fleet Reserve Association, whose board of directors he serves on, and stresses, "Right now we're in the midst of a campaign to get both active duty and retired sailors to join with us in order to safeguard our benefits." Last weekend he could be seen at the Lions Club three-day summer fair held at the Desert Empire Fairgrounds, where he manned an ice cream booth for the association.

Lastly, Ray and Janie like to fish and camp, especially near Lake Topaz, Nev., where "when you get tired of holding a rod and reel you can always go play the slot machines. I like these trips for the peace and quiet — you don't have to get up so early in the morning," he sighs.

Ltjg. Mike Barnett is NWC's new Navy Exchange Officer

Ltjg. Mike Barnett, of Denver, Colo., recently reported aboard the Naval Weapons Center to serve as Navy Exchange Officer.

The new arrival's previous duty assignment was that of supply officer of the USS Sample, a Fleet frigate homeported in Pearl Harbor. This was his first duty assignment after graduating from Kansas University in Lawrence with a B.S. degree in accounting and simultaneously receiving his commission through the NROTC program in 1973.



Ltjg. Mike Barnett

The son of a retired Air Force officer, Ltjg. Barnett was raised in a number of countries where his father's duty assignments took the family including Japan, Okinawa, W. Germany, and, in the U.S., in the states of Maine, California, Virginia, Florida and Kansas.

"We follow the philosophy of the Navy Resale Systems Office in that the customer is number one," says Ltjg. Barnett. "Satisfaction is guaranteed or your money is cheerfully refunded. Suggestion boxes are located in each Navy Exchange facility, and I personally read all notes that go into them. I hope customers will feel free to give me a call any time at 446-2586."

Ltjg. Barnett, who describes himself as an "outdoors person," is single and lives in Navy housing. He currently plays center field for the NWC fast pitch softball team and also enjoys swimming, water skiing and snow skiing.

Savings Bond campaign coordinators to meet

A U. S. Treasury Department representative will speak and present a film slide show at 10 a.m. on Tuesday in the Community Center's Sidewinder Rm. for all department coordinators and assistants for the NWC 1976 Bicentennial U. S. savings bond campaign.

The campaign, which will begin on Wednesday and conclude on Aug. 4, is conducted to provide civilian employees and military personnel with an opportunity to join a payroll savings plan or to increase their present allotment.



SWIMMING INSTRUCTION OFFERED — A second two-week session for youngsters interested in learning to swim is now being held at the Commissioned Officers' Mess pool. Separate sessions are conducted for those 4 to 6 and 7 through 9 years of age. In the above photo, Carol Boyd, one of the instructors, is helping Debbie Allen get the idea of how to dive into the water from the side of the pool. Other students looking on are (l.-r.) Heidi Hermanson, Sherry Natoli and Steven Stocking. Another 2-week session of swimming instruction will be held on Tuesdays through Fridays, from July 20 to 30. There is a charge of \$10 per student, and signups will be held at the COM pool next Tuesday morning. The swim class for youngsters 7 through 9 years of age will be held from 9 to 9:45 a.m., while that for 4 through 6 years olds is scheduled from 10 to 10:45 a.m. —Photo by Ron Allen

4th annual C.L.-IWV invitational softball tourney to begin tonight with 8 games

Eight games tonight — four starting at 7:30 and four at 9 o'clock — will kick-off the action-packed fourth annual China Lake-Indian Wells Valley invitational softball tournament.

The Indian Wells Valley Pony League diamond will be the home field for the tourney. Opening ceremonies there will include a recorded playing of the national anthem and throwing out the first ball by Ronnie Roberts, a blind special education student at Richmond School, who has learned to play some games by depending upon his sense of hearing.

Tonight's Schedule

Games scheduled at 7:30 tonight, and the fields on which they will be played, are: Homestead vs. Mel's Pharmacy of Lancaster, at the Pony League diamond; Ampco of Bakersfield vs. Jerry's Metal of Lancaster, at Schoeffel field; Western Auto vs. the Misfits of Bakersfield, at Reardon field; Ed Smith Welding of Bakersfield vs. Edwards Air Force Base, at Murray School diamond No. 1.

At 9 o'clock tonight, it will be the Graham

Associates vs. Union Carbide of Bishop at the Pony League field; Petro Lock of Lancaster vs. Fleet Parts of Bakersfield at Schoeffel Field; Antu Cement vs. Mammoth Mt. of Bishop at Reardon field, and Hub Furniture of Bakersfield vs. a Hawthorne, Nev., team at Murray School diamond No. 1.

Full Day of Competition

At 9 a.m. on Saturday, the 24-team, double-elimination tourney will resume and continue with games scheduled at 1½ hour intervals until the day's last contests get under way at 9 p.m.

By Sunday morning, there will be just five teams left to battle it out for the tournament title, which will be decided in a game that is scheduled to get under way at 1:30 p.m. at the Pony League field.

Pre-tourney favorites, according to Dick Rivers, tournament chairman, include the defending champion Royal Homes team from Visalia, as well as Petro Lock, Ampco, Sambo's of Santa Barbara, and the local Graham Associates nine.

For this event, which is being co-

sponsored by NWC Special Services and the Valley Sports Association, local umpires' group whose members will be officiating at all of the games, trophies will be awarded to both outstanding teams and individuals.

Each member of the first and second place teams in the tourney will receive an individual trophy, and a committee will select a tournament all-star team composed of the best players for each position. The all-stars also will receive individual trophies.

In addition, trophies will be presented to the tournament's most valuable player, to the topnotch pitcher, and to the team which displays the best sportsmanship. The sponsors of the first, second and third place teams in the tourney also will be awarded trophies.

Plans announced for golf tourneys slated by 11th Naval Dist.

The 11th Naval District Special Services has scheduled the district men's open, men's senior and women's golf eliminations and championship tournaments for mid-August.

Two elimination tournaments consisting of 72 holes of medal play will be held in the men's open and senior divisions, with the area elimination contests set for Aug. 9-13. The Southern Area eliminations will take place in San Diego on the Miramar Naval Air Station's Memorial Course, while the Northern Area event will be held simultaneously on the Los Alamitos Naval Air Station course.

The two tournaments will qualify a combined total of 40 open and 16 senior golfers by matching scores on the final day. These players will be eligible to participate in the district championships scheduled at the Navy's Mission Gorge course in San Diego during the period of Aug. 16-20.

Regional Championships Set

Following the men's 11th ND matches, the top four open and top four senior golfers will compete in the Pacific Coast Regional Golf Championships which will be held Aug. 30-Sept. 3, also at the Mission Gorge course.

The women's district championship tournament will take place on the Navy Golf Course, Mission Gorge, along with the men's district championships. Four women will qualify from this event for the women's west coast championships, which will be held on the same course Aug. 30-Sept. 3.

This year's all-Navy championships will be held Sept. 6-10 at Naval Air Station, Oceana, Va., followed by the inter-service contest on Sept. 13-17 at Fort Campbell, Ky.

Details on entering the tournaments are contained in the 11th ND bulletin Nos. 38 and

(Continued on Page 7)

Reds win Farm Div. championship

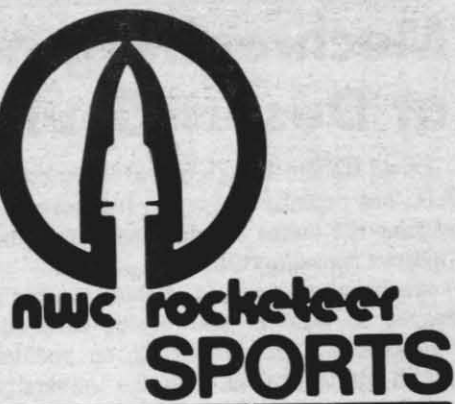
In a best two out of three-game playoff series, the Reds captured the China Lake Little League's Farm Division championship on Wednesday night by winning game No. 2 by a landslide score of 17-8. The division champs outthrew their opponents 19-8.

The playoff was necessary since the Reds had the best won-loss record for the first half of the season, and the Cubs were the second half champs.

In the first playoff game on Monday night, the Reds staged a 5-run rally in the last of the sixth and final inning to edge the Cubs by a final score of 8-7.

Matt Read, third baseman, drove in the game-winning run with one of five hits that were racked up in the final frame by the Reds.

Under the Farm Division playoff rules, no pitcher can be on the mound for more than six innings in the entire playoff series. For this reason, the Reds used three pitchers — Zan Mendonca, James Evans and Scott Van Doran — for two innings each in Monday night's game.



Wilt's Corner

Volleyball league practice to begin immediately at gym

The Center gymnasium may now be reserved for volleyball practice in preparation for play by 2-on-2 and 6-player team leagues which will begin on Tuesday, Aug. 10.

Games will be played each Tuesday and Thursday evening at 6 o'clock once the season gets under way. A pre-league meeting is scheduled at the gymnasium at 5 p.m. on Tuesday, Aug. 3. All interested persons may attend, and teams must turn in their rosters at the meeting or to the gymnasium secretary beforehand.

There will be no fee charged for participating in either league; however, all participants must belong to the Athletic Association. Membership cards may be obtained from the gymnasium secretary between the hours of 9 a.m. and 2 p.m. on weekdays. Team rosters may also be picked up at the gym.

Women's Water Exercise Class

A third session of a water exercise class for women will be held weekdays at the CPO Club pool from 9 to 10 a.m. beginning Aug. 4 and continuing until the 17th.

The class, which will be taught by Nancy Branch, provides a cool and comfortable way to beat the summer heat and at the same time exercise to trim up the figure.

Swimming skill is not necessary in order to participate in the class. A fee of \$7 per student will be charged for the 10 sessions. Registration may be made by phoning NWC ext. 2334 or by visiting the gymnasium between 9 a.m. and 2 p.m. on weekdays.

Youth Football Registration

Signups for the Indian Wells Valley Youth Football League will continue this evening at the Youth Center and the Ridgecrest Bowl between 6 and 8 o'clock and tomorrow at the Youth Gym and the Ridgecrest Bowl between 10 a.m. and noon.

Participants must be no less than 8 years and no more than 14 years, 9 mos. of age as of Sept. 1 and must weigh between 50 and 175 lbs. Furthermore, they must not be entering a higher grade than the eighth in the fall.

For the Cubs, Jamie Johnsen pitched three innings, allowing just one hit and one run during his stint on the mound.

Results at the end of the second half of regular season play were as follows:

Team	Won	Lost
Farm Division		
Cubs	4½	1½
Reds	4	2
Padres	½	5½
T-Ball Division		
Terriers	6	0
Lions	3	3
Astros	3	3
Royals	0	6
- division champs		

Women's softball tourney

A 14-team women's softball tournament is scheduled on Friday and Saturday, July 23-24, at China Lake.

Four local teams are entered in this event, which will be played on the Pony League diamond and at Reardon and Schoeffel Fields.

The local entries are Dean's Girls, VIP's, The Hideaway and the T. J. Frisbee teams.

Cdr. Stocking takes over duties of Exec. Officer at Naval Air Facility

Cdr. Sig Stocking, of Chicago, Ill., has recently taken over the duties of Executive Officer at the Naval Air Facility.

He replaces Capt. R. B. Conklin, whose new assignment is to serve as head of the inspection department for the Commander of the Field Command of the Defense Nuclear Agency at Kirtland Air Force Base, Albuquerque, N.M.

A 20-year Navy veteran, Cdr. Stocking comes to China Lake from Yokuska, Japan, where he served aboard the USS Midway as its weapons officer for two years. His wife, Grace, and sons, Stephen, 9, and Kevin, 6, lived with him under the Overseas Homeporting Program. "That assignment was both professionally and culturally rewarding, both for me and my family," says NAF's new Executive Officer.

Cdr. Stocking entered the Navy in 1956, after graduating with a bachelor of science degree in electrical engineering and simultaneously receiving a commission as an ensign through the Naval Reserve Officer Training Corps program. His first duty assignment was as a pilot and avionics division officer with Fleet Tactical Support Squadron 21, stationed in Atsugi, Japan.

During the Vietnam War, Cdr. Stocking flew the S-2 Tracker for Anti-Submarine Squadron 35 for two deployments to the Tonkin Gulf aboard the USS Hornet from 1967-68. Prior to that duty, he had received a master's degree in physics from the Naval Postgraduate School in Monterey for his study there during the period 1965-67.

Speaking of his new assignment, Cdr. Stocking says, "I'm looking forward to the opportunity to get more involved in the Navy's human goals programs than I have



Cdr. Sig Stocking

been in the past. My duties at China Lake are a particular challenge because of the close interweaving of military and civilian personnel here. We're all working together as part of the same team."

In his spare time, Cdr. Stocking builds hi-fi kits and enjoys modifying his existing system, on which he plays classical music. An avid gardener, too, he says of the China Lake area, "This place is a horticultural challenge. It's my family's first visit to the desert, and we find ourselves acclimating positively and rapidly."

Balloon flight...

(Continued from Page 1)

the city for most of the day, a slight breeze came up at around 5 p.m. that moved the balloon toward the north over the State of Indiana.

In the early evening it traveled east with the wind across the Mississippi River in the vicinity of Wood River, Ill., and (through the night) it flew across Illinois and landed the next morning in a wheat field near Griffin, Ind. "We landed in a real hazy, polluted type of atmosphere that had accompanied us all the way from St. Louis," Craig said.

All night long, Craig stated, the balloonists were subjected to a concentration of ozone that exceeded the standard for an entire year, as established by the Occupational Safety and Health Act. This bothered two of the crew members who ended up with sore throats, but Craig wasn't troubled by it, he said.

Pollution Transported Long Distance
As a result of this second flight of Da Vinci II, it was determined conclusively that urban pollution can be transported long distances and for long periods of time, thus ending up by polluting the environment of those who had nothing to do with generating the pollution.

Craig learned yesterday that the next Da Vinci II balloon flight for him is scheduled to begin tomorrow — depending upon weather conditions in the St. Louis area.

ERDA officials point out that in choosing energy systems, cost in dollars, manpower and energy usage are all vital criteria. Equally important, however, is their safety and environmental impact.

The problems of pollution, safety or waste management vary considerably with the individual energy technology, it was added. Through tests carried out by such means as the Da Vinci II balloon flights, ERDA hopes to ensure that new and expanding energy technologies will be safe, clean and publicly acceptable when introduced into the economy.



PROCLAMATION SIGNED — As a part of the local observance of national Space Week (July 18 through 24), a proclamation was signed by Rear Admiral R. G. Freeman III, NWC Commander, and Ted B. Edwards, Mayor of Ridgecrest. The signing was witnessed by representatives of local chapters of engineering societies who, working together as the High Desert Engineering Association, have planned a dinner meeting and a visit to Rockwell International's Orbiter 101 Space Shuttle facility during National Space Week. —Photo by Ron Allen

National Space Week...

(Continued from Page 1)

and Sky Lab.

Tickets to Tuesday night's dinner are priced at \$6.50 in advance, or \$7.50 at the door.

The dinner tickets, as well as information and reservations for the tour of Rockwell International's Space Shuttle Facility, can be obtained by contacting the following representatives of HIDEA:

Jim Serpanos, Ted Hicks, Dwight Weathersbee or Jim Marshall, of the American Institute of Aeronautics and Astronautics; John Cox, of the American Society of Civil Engineers; Budd Ruff, of the California Society of Professional Engineers; Jim McGuire or Gerry Auger, of the Institute of Electrical and Electronic Engineers; Bob McCarten of the American Institute of Chemical Engineers; Wally Parmenter, of the American Society of Mechanical Engineers; Tony Miller or Bob Moore, of the American Society of Quality Control; Gene Scheer, of the Society of Logistics Engineers, and Bill Marsh, of the Society of Manufacturing Engineers.

Next Friday evening's tour of Rockwell International's Space Division (which is located on 15th St. East, south of Ave. M, between Lancaster and Palmdale) is limited to persons 16 years of age and over. Names of all those wishing to take part in

this tour must be submitted in advance to one of the aforementioned persons. Additional data will be required from those who are not U. S. nationals. Comfortable clothes and shoes should be worn, since there will be quite a bit of walking involved in this visit to the space shuttle facility.

Information sought for directory of clubs, organizations

In the near future, the Ridgecrest Chamber of Commerce, with the assistance of the NWC Public Information Office, will be publishing a 1976-77 club and organization directory for the Indian Wells Valley.

If either a new organization or a long-established club or group is interested in being listed in the directory, the steps to take are as follows:

Send to either Natalie Harrison, Code 8404, NWC (Ph. NWC ext. 3481), or to the Ridgecrest CofC, 303 S. China Lake Blvd. (Ph. 375-8331), the name of the club or organization, the place, day and time of meetings, the name of the club representative to be contacted, and his or her address and home telephone number.

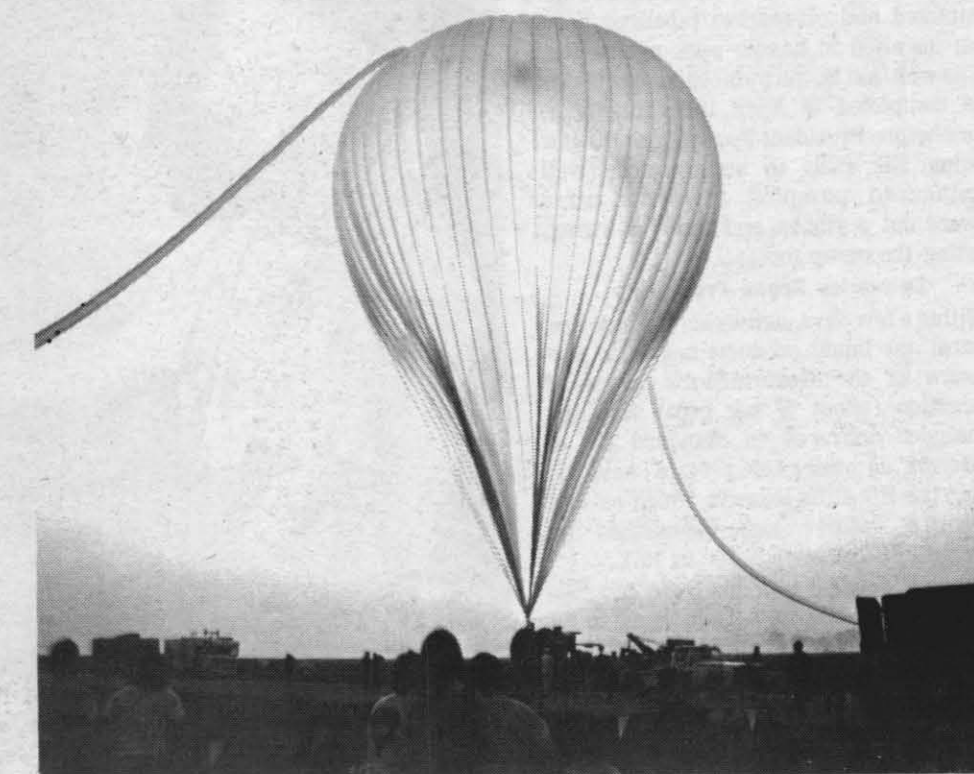
In order to meet the publication deadline, this information must be received no later than Friday, Aug. 13.



Not only was Commodore John Barry the first naval commander commissioned by the Continental Congress, but he also took part in the last naval engagement of the Revolutionary War. The British ship "Sybil" fled from Barry's "Alliance" on May 10, 1783, after a battle of 45 minutes.

He again was the first man commissioned in the regular Navy in June 1794, this time as a captain. His work in training young officers was as outstanding as his wartime exploits had been. Because of his skills, he has been called "the father of the American Navy."

When President Woodrow Wilson dedicated a monument to Barry over a hundred years later he praised Barry as a man "whose heart crossed the Atlantic with him" for Barry had been an immigrant from County Wexford in Ireland as a young man.



HUGE BALLOON INFLATED — The balloon that carried aloft the gondola in which the Da Vinci II crew members rode is shown being inflated with helium while still attached to a winch and prior to its connection to the gondola. When fully inflated, the balloon was 70 ft. high by 70 ft. in diameter and its gondola was attached to suspension lines 70 ft. in length. In mid-air, the distance from the top of the balloon to the bottom of the gondola was the equivalent in height of a 15-story building. —ERDA photo by Ed Westcott



TOP NAVY OFFICIAL GREETED — The Honorable Jack L. Bowers, Assistant Secretary of the Navy for Installations and Logistics, was met by a delegation of Navy officers when he arrived recently in Bakersfield to officiate at the opening of commercial production of the Navy's petroleum reserves at the Elk Hills oil reserve near Taft. Rear Admiral R. G. Freeman III, NWC Commander, (in foreground) headed the group of Navy officers who were on hand to greet Bowers when his plane landed at Meadows Field. Also present was LeRoy Jackson (at far left), chairman of the Kern County Board of Supervisors. —Photo by Ron Allen

Major contribution made by Navy to efforts to gain energy independence

On the eve of this nation's 200th birthday celebration, the Navy made a major contribution to national efforts to achieve energy independence with the start-up of production at the Naval Petroleum Reserve No. 1, Elk Hills, Calif.

In brief ceremonies at shallow well No. 53-46, the Honorable Jack L. Bowers, Assistant Secretary of the Navy for Installation and Logistics, assisted by officials of the oil companies who have purchased the crude oil and gas products and J. R. Grey, president of the Standard Oil Co. of California, the Navy's partner in the Elk Hills operation, started the engines and threw the clutch which put the well in operation.

Oil Starts Flowing

The well, painted red, white and blue for the occasion, immediately responded with the first crude taken from the Elk Hills Naval Petroleum Reserves culminating an intense start-up operation which required that the field be placed in service within 90 days of the signing of the Naval Petroleum Reserve Production Act of 1976 on April 5, by President Gerald Ford.

Prior to the official ceremonies, Bowers hosted a reception and luncheon for government, industry and Navy officials who were either involved in the legislative process for opening Elk Hills or have a continuing responsibility for its operation. Among those in attendance were Congressman William M. Ketchum, Assemblyman Bill Thomas, LeRoy Jackson, chairman of the Kern County Board of Supervisors, Kern County Sheriff Al Loustalot, and Rear Admiral R. G. Freeman III, NWC Commander.

In addition to Grey, Standard Oil of California will increase to more than 100,000 barrels a day when the Elk Hills operation has been open for one year, and will eventually exceed 300,000 by the end of the '70s when reserve development has been completed and off-reserve pipelines have been installed to handle peak production.

The well that Bowers placed in production was completed in April 1945, exactly 31 years before President Ford signed the law placing Elk Hills in service. The well commenced pumping moments after Bowers cut a ribbon and threw a switch starting the pump motor.

Deliveries Began Promptly
Within a few days, deliveries of crude and natural gas liquid products began to purchasers of the Government's share of production (about 80 per cent) with the remainder delivered to Standard Oil of California as owner of private holdings within the Elk Hills Reserve which existed when the reserve was established by Presidential executive order in 1912.

The full development program for Elk Hills is proceeding at a pace of \$8 to \$9 million dollars per month. Nine rigs are currently drilling, with several more slated to move in within the near future.
A nearby exploratory rig drilling Well No. 954-46, which was inspected following the ceremony, is drilling to basement rock, a total depth of about 20,000 ft. This is some 8,000 ft. deeper than the previous maximum depth achieved at Elk Hills. New discoveries at these deeper levels would add to the presently known 1.3 billion barrels of recoverable oil reserves.

Grade control...

(Continued from Page 1)

are doing in regard to resolving position management problems, and their recommendations on what further steps need to be taken.

The foregoing is in compliance with a memorandum from President Gerald Ford that was sent this past May 27 to the heads of Federal departments and agencies.

In this memo it was noted that over the past two decades there has been a gradual, but substantial, rise in the average grade of GS employees. While it was acknowledged that much of this rise is due to the fact that technological changes and other factors have brought about significant shifts in the makeup of the Federal workforce, the memo also stated, in part:

System Review Necessary

"We cannot assume, however, that this is the whole explanation. Recent review by the Civil Service Commission, the General Accounting Office and the Office of Management and Budget indicate that classification and position management systems are not functioning as effectively as they should in a number of Federal agencies."

The memo from President Ford concluded by calling upon the heads of all Federal departments and agencies "to re-examine your internal position management and classification systems to ensure they are operating effectively and in full compliance with applicable laws and regulations."

Agency heads were instructed to conduct this review in a manner prescribed by the Civil Service Commission and to report to the Commission both the actions they have taken and the results of those actions.

Placement exams slated at Cerro Coso College

Placement examination dates for fall registration at Cerro Coso Community College have been set. The tests will be held Saturday, July 24, and Saturday, Aug. 7, from 8 a.m. to noon in the Cerro Coso lecture center.

The placement examination is a requirement for potential students prior to being admitted to the college. The test is waived for students who have already earned degrees, have completed significant college coursework or who know they will be taking zero-credit adult education classes.

Reservations and information may be obtained by calling the Cerro Coso counseling center, 375-5001, ext. 34.



Capt. Daniel A. Dodd, USAF

Capt. Daniel Dodd, Air Force officer, new arrival at NWC

The Naval Weapons Center's complement of Air Force officers (including those assigned to VX-5) was increased to nine by the recent arrival of Capt. Daniel A. Dodd, who is serving as the USAF liaison officer in the Sparrow Program Office.

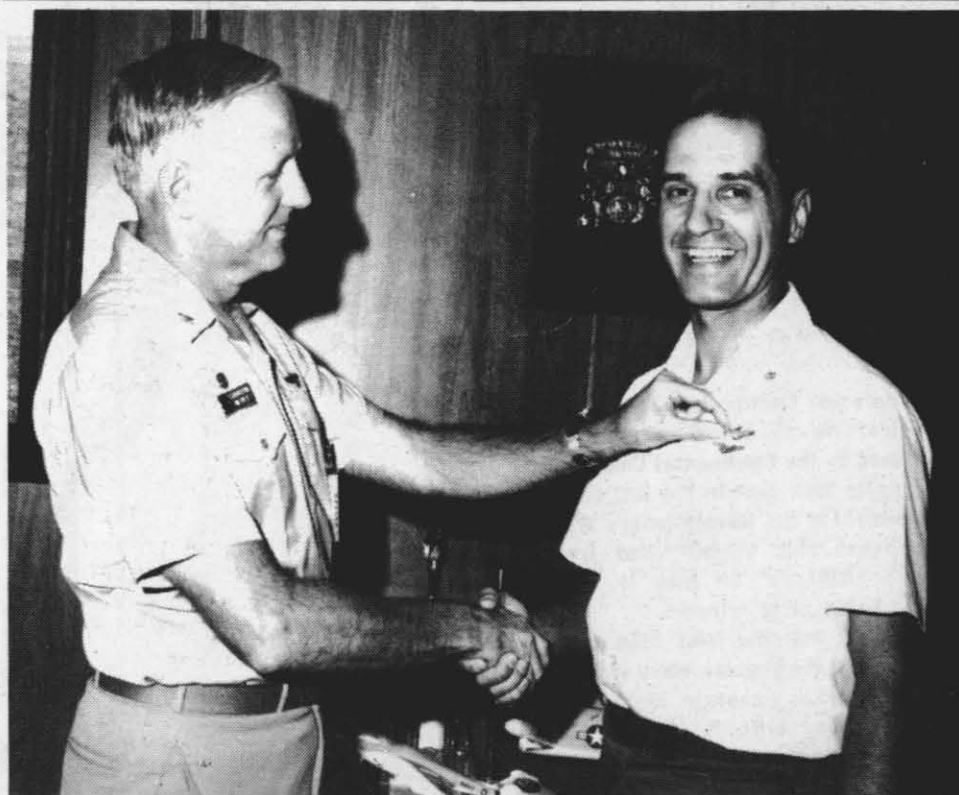
Capt. Dodd reported to China Lake following a three year tour of duty with the Electronics Test Division of the 3246th Test Wing at the Air Force Systems Command's Armament Development and Test Center, Eglin AFB, Florida.

Capt. Dodd's military career began when he enlisted in the Army in 1961. After a year, he received a Congressional appointment to the U. S. Military Academy and, following his graduation from West Point in 1966, was one of a few of the cadets to be commissioned as a 2nd lieutenant in the Air Force.

He later attended the Air Intelligence Officers' School at Lowry AFB in Denver, Colo., and Squadron Officer School at Maxwell AFB in Alabama prior to being sent to Tan Son Nhut Air Base outside Saigon, where he served as an air intelligence officer from December 1966 to June 1968.

Returning to the U. S., Capt. Dodd next spent three years at the Air Force Weapons Laboratory in Albuquerque, N.M., being involved in the high energy laser program. His assignment at Eglin AFB then preceded his present duty here.

Capt. Dodd was accompanied by NWC by his wife, Mary Jane, and their daughter, Dana, who is 4 years old.



HIGH HONOR — Lt. Col. Samuel C. Puma, at right, Air Medical Projects Officer for Air Test and Evaluation Squadron Five, was recently presented Air Force senior pilot's wings by Capt. R. N. Livingston, Commanding Officer of VX-5. The award recognizes Lt. Col. Puma's accumulation of 152 months of duty in an active flying status. The Air Force officer joined the service in 1961 and came to China Lake last January, with the primary duty of performing human factors and life support evaluations of VX-5 projects. He is one of less than a dozen officers in either the Air Force of Navy who is both an active pilot and a flight surgeon. Lt. Col. Puma and his wife, Laura, live in Navy housing with their children, Shawn, 11, Chris, 9, and Tony, 7. —Photo by PH2 Terry Miles

Mechtenberg now administrator at Desert Counseling Clinic

David Mechtenberg, a native of Parkston, S.D., has recently arrived in Ridgecrest to assume the duties of administrator of the Desert Counseling Clinic.

Mechtenberg received his master's degree in hospital and health care administration, with emphasis on mental health administration, from the University of Minnesota in Minneapolis in 1976 and recently completed a year of internship at Kingsview Hospital in Reedy, Ca. In addition, he holds a master of social work degree from St. Louis University, and has

performed five years of clinical work in a mental health center in Owatonna, Minn., where he was the assistant program director.

An alumnus of the Peace Corps, Mechtenberg worked in Turkey from 1965-67 in the field of community development after receiving his B.A. degree in sociology from the University of South Dakota in Vermillion. Moreover, while living in Northfield, Minn., he and his wife, Katy, were the resident directors of the ABC (A Better Chance) Program, a nationwide effort designed to improve secondary educational opportunities for underprivileged minority students.

Mechtenberg takes the reins of the Desert Counseling Clinic in time to guide the agency through its move from the Naval Weapons Center to Ridgecrest. The position of administrator replaces that of executive director, a job which was vacated by Dr. Ellis Cline when he resigned several months ago.

According to Paul Riley, immediate past president of the clinic's board of directors, Mechtenberg's arrival marks the culmination of a months-long search for an administrator. "I am particularly happy to have been part of the selection committee and feel that an excellent choice was made. I know that David will play a dynamic role in the future development of the Desert Counseling Clinic," he said.

The new D.C.C. administrator especially enjoys family activities with his wife, and sons, Matthew, 4, and Ted, 2. His other leisure-time pursuits include tennis, jogging and reading.

Details announced of new Affirmative Action Plan for Navy

A new Navy Affirmative Action Plan (NAAP), the result of a Chief of Naval Operations-directed study of Navy Equal Opportunity/Race Relations (EO/RR) problems, policies, practices and programs, has been announced. Highlights include:

Standardizing EO/RR education programs in the Navy.

Establishing new, aggressive initiatives in minority recruiting and retention.

Reviewing promotion and advancement policies and procedures to eliminate any minority bias and ensuring appropriate minority representation on all selection and review boards.

Increasing the effectiveness of career counseling programs to reduce the number of personnel leaving the Navy for reasons of sex or race discrimination, under-utilization or job dissatisfaction.

Developing programs to encourage minorities to enter occupational fields or technical specialties in which they presently are under-represented.

Aggressively investigating all complaints of sex or race discrimination particularly in the area of military justice.

Seeking new ways to optimize the utilization of women throughout the Navy.

The NAAP is directed toward the major Fleet and shore-establishment commanders, and they, in turn, are responsible for revising their existing Affirmative Action Plans to support the new NAAP.

The plan calls for an annual review of Navy Affirmative Action Programs at all levels of the chain of command. The CNO, in endorsing the plan, explained that the success of the plan depends on "the enthusiastic, diligent and conscientious support of all our Navy men and women."

GEBA assessment now due following death

Assessments are now due from members of the Government Employees Benefit Association and the China Lake Mutual Aid Society following the death this past week of Henry Goode.

The deceased, a former Code 7021 employee, was 72 years old at the time of his death on July 8 in Glendale, Calif.

GEBA and CLMAS members are asked by Larry Mason, secretary, to contact the collectors in their work area to pay this latest assessment, which is No. 371.



DISTINGUISHED VISITORS — Maj. Gen. R. E. Carey (at left), Assistant Deputy Chief of Staff for Aviation, Headquarters, Marine Corps, Wash., D. C., and Brig. Gen. K. A. Smith, who is assigned to the office of the Deputy Chief of Staff for Aviation, examine a display in the main lobby of Michelson Laboratory during their recent visit to the Naval Weapons Center. While here, they received briefings on the Center's research and development programs of interest to the Marine Corps, including helicopter R&D, close air support, and electronic warfare.

A checklist to help save energy, money

Planning a summer vacation? Don't forget an important part of pre-vacation planning that can save you money.

You can save on your utility bills by disconnecting certain energy-consuming appliances before you go on a trip.

1. Turn off your water heater. This is one of the major energy-consuming appliances in your home and one that does not need to be in operation while you are away. If you have an electric unit, you can disconnect it by throwing the circuit breaker to the "off" position. If you have a gas water heater, you can put it on "pilot"; this does not completely turn it off but does prevent the water from heating.
2. Turn off your thermostat to be sure that neither heat nor central air conditioning will cut on while you are away.
3. Unplug your window air conditioning units.
4. Unplug your television sets. The "instant-on" models use energy 24 hours a day, even when they are off.
5. If you are leaving for an extended period, you may want to clear out your refrigerator and turn it off. If you will be keeping food in the freezer section of the refrigerator, you can still save some energy by placing the refrigerator on a warmer setting.
6. Make sure all your small appliances are either disconnected or in the "off" position. As a safety precaution, you should also check all heat-producing appliances — the stove, the clothes dryer — to make sure they are off.

Promotional opportunities...

(Continued from Page 2)

prevention practices with regard to building inspections and ability to identify fire hazards; knowledge of reference sources; firefighting knowledge (knowledge of fire, origin and techniques of extinguishing fires); ability to accept responsibility and carry out assignments with minimal supervision. This announcement will be used to establish the promotion register for Firefighter, GS-01-SB which will remain in effect until January 1977. Previous applicants need not reapply.

Supervisory Firefighter, GS-01-4, PD No. 744009, Code 445 — This position is located in the Fire Division of the Safety and Security Department. Incumbent is crew chief of the major piece of motorized fire fighting apparatus and its crew. Duties include answering fire alarms, instructing crew in operation of fire equipment and all phases of fire fighting and directing fighting of fires in absence of high authority. Job Relevant Criteria: Knowledge of fire prevention practices and ability to supervise and conduct inspections and identify fire hazards; ability to communicate with others effectively both orally and in writing in working out solutions to problems or questions relating to the work; potential to motivate, train and work effectively with subordinates who have a variety of backgrounds and training; ability to plan own work and carry out assignments effectively; demonstrated potential ability to plan initial attack including rescue and the efficient control and extinguishment of fires; knowledge of locations (streets, water distribution, alarm/detection systems, building contents/layouts, etc.). This announcement will be used to establish the promotion register for Supervisory Firefighter, GS-01-4 which will remain in effect until February 1977. Previous applicants need not reapply.

File applications for the above with Carol Downard, Bldg. 34, Rm. 206, Ph. 2577.
Physicist, GS-1310-12, PD No. 7445050, Code 4543 — This position is located in the Weapons Systems Branch, Conventional Weapons Division, Propulsion Development Department. The incumbent will be responsible for directing and conducting supporting research efforts in Fuel-Air-Explosive technology and will also provide liaison with other agencies concerned with blast technology. Job Relevant Criteria: Comprehensive knowledge of warhead design and weapon systems, experience in blast weapon research and development, and the ability to prepare informal and formal technical reports and presentations.

Mechanical Engineer, GS-030-11 or 12, PD No. 7445049, Code 4547 — This position is located in the Terrain Division Weapons Branch, Conventional Weapons Division

Propulsion Development Department. The incumbent will be a member of the team responsible for the engineering development work on the SLUMINE warhead, propulsion and aerodynamic stabilizer, and will conduct or direct the studies to determine the adequacy and effectiveness of the proposed designs. Job Relevant Criteria: Must be familiar with physical and engineering principles used in weapons systems design and should be familiar with military ordnance.

File applications for the above with Mary Morrison, Bldg. 34, Rm. 210, Ph. 2393.

Clerk-Typist, GS-322-3/4 WAE, PD No. 7440031N, Code 405 — This position is located in the Laser/Infrared Systems Division, Systems Development Department. The incumbent will work on an "as needed" basis in various locations throughout the division. The incumbent performs various clerical duties such as maintaining files, answering telephones, receiving visitors, preparing timecards and typing from rough draft or handwritten copy official correspondence as well as various forms used in the division. Job Relevant Criteria: Ability to type efficiently and accurately, and knowledge of NWC clerical and filing procedures; must possess telephone and receptionist skills.

Engineering Technician, GS-024, PD No. 7440018, Code 401 — Position is located in the Applied Combustion Research Branch, Aerothermochemistry Division of the Research Department. Incumbent is the technician on several research programs involving combustion studies and confers with the project engineer in regard to what new hardware or hardware changes are required; designs and fabricates the necessary equipment; prepares the setup for testing; and is responsible for running the test. Job Relevant Criteria: Knowledge of liquid and solid propellant characteristics, rocket motors, knowledge of machining operations (lathes, milling machines, etc.), and ability to interface on technical subjects with scientists and engineers.

File applications for the above with Charlotte Sieckowski, Bldg. 34, Rm. 204, Ph. 3118.

Clerk-Typist, GS-322-3/4, PD No. 455062-1, Code 5523 — This position is located in the Production Engineering Branch, Engineering Design Division, Engineering Department. Incumbent performs clerical and typing duties for branch personnel, acts as receptionist, maintains files, makes travel arrangements, etc. Job Relevant Criteria: Ability to type accurately and efficiently, to get along with others in the work group, to meet deadlines under pressure; must be familiar with Navy correspondence and local filing procedures.

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