

Just Two Weeks Left To Enter '73 DEF Parade

Local clubs, organizations and individuals interested in participating in the 1973 Desert Empire Fair parade have only two more weeks in which to fill out and return an entry blank for this event.

The entry forms, which must be completed and returned no later than Saturday, Aug. 25, can be picked up by China Lake residents at the Community Center or at the NWC Federal Credit Union, as well as at the following locations in Ridgecrest: Chamber of Commerce office, 141 Panamint St., the Safeway Store in Ridgecrest Plaza, at Grant's Department Store in the Sierra Vista Shopping Center, the Daily Independent newspaper office, 739 N. China Lake Blvd., or at the Kern County fire station, 231 Station St.

"Yesterday, Today, and Tomorrow" has been selected as the theme of this year's Desert Empire Fair parade, which will be staged on the morning of Saturday, Sept. 22.

Grand marshal of the gala procession will be Merle Haggard, celebrated country and western musician from Bakersfield, whose interest in the local area has been demonstrated by his volunteer appearance at local fund-raising efforts such as the one held on Sept. 21, 1971, for the purpose of helping to bring in contributions needed to pay for the construction of a permanent exhibit building at the fairgrounds.

The major categories in which parade entrants will be judged for the prizes (trophies and ribbons) that will be awarded following this event are equestrian, bands, floats, marching units, vehicles and novelty entries.

Judging of equestrian entries, as well as floats and decorated vehicles will be done prior to the start of the parade, which is scheduled to get under way at 10 a.m. on Sept. 22. In the case of bands, marching units and color guards, however, judging will take place along the line of march as they participate in the parade.

Additional information about the 1973 parade can be obtained from either Judy Beatty, chairman of the parade committee, phone 375-9225 or 939-3701, or from Betty Waters, call 446-4859.

Completed entry forms should be mailed to PARADE, P.O. Box 1176, Ridgecrest, 93555.

Program Set For Wives of JPs

An orientation program for the wives of new junior professional employees at the Naval Weapons Center will be held next Wednesday, Aug. 15.

Participants in this event, which has been arranged by the office of the Technical Presentations Coordinator, will meet at the Commissioned Officers' Mess, starting at 8 a.m. An agenda for the morning-long program, which will include a film presentation and a tour, will be distributed at that time. Free child care will be provided at the Child Care Center.

All wives of new junior professional employees who are interested in attending are asked to call either Loretta King or Niki Cowan, at NWC ext. 2634, no later than Monday.



AMATEUR CHEFS AT WORK — Stan Shearer, Steve Shearer, Brian Bergh and Mark Barglowski (l. r.), are shown demonstrating their cooking skills at the National Boy Scout Jamboree which ended this past Tuesday at Farragut State Park in Idaho. The boys are all members of Troop 35, China Lake. They and 10 other members of the troop, joined 35,000 Boy Scouts from all over the United States at the Jamboree. More than 200 tons of charcoal were used in cooking and camp fires during the seven-day Jamboree, which points out the massive logistics of such a national outing.

Status of Candidacy for Accreditation Awarded to Local Community College

Word that Cerro Coso Community College in Ridgecrest has been awarded Candidacy Status for Accreditation was announced recently by Dr. Richard Jones, president of the local college.

"This is a major step forward for the college and the community," it was noted by Dr. Jones, who added that Cerro Coso Community College was visited last April by members of the Committee on Accreditation.

Based on the recommendation of the committee, the Western Association of Schools and Colleges awarded candidacy status to Cerro Coso.

Dance Planned Tonight

"The Phantoms," well-known local combo, will play dance music for members and guests of the Chaparral Club tonight, beginning at 9:30.

Walt Schimke, manager of the club for 1st and 2nd Class Petty Officers, invites members to come early for dinner. "Nothing special is planned for the menu, but participants should plan to enjoy themselves," he said.

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HAPPY OCCASION — His recent promotion from the rank of lieutenant to lieutenant commander was a happy occasion for Lcdr. George Baland, who is shown as his wife, Margaret, and son, David, pin on his new collar insignia. The promotion ceremony took place in the office of Capt. Robert S. Moore (at left) Commanding Officer of the Naval Air Facility. Lcdr. Baland, a veteran of nine years service in the Navy, is now the NAF Attack Systems Officer. He reported here in January 1972, following a tour of duty with Attack Squadron 55 aboard the USS Hancock (CVA 19).

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.
Matinee — 1 p.m.

FRI. 10 AUG.

"TOM SAWYER" (99 Min.)
Johnny Whitaker, Celeste Holm (Musical) A musical adaptation of Mark Twain's classic about a spunky and likeable boy named Tom Sawyer and his sidekick Huck Finn. These include the episode in which Tom cons the neighborhood kids into whitewashing the backyard fence for him; the school-room episode in which Tom saves Becky from a whipping; and all the excitement of the graveyard episode, observation of the killing of the doctor by Injun Joe, the courtroom trial and Tom and Becky lost in the cave. (G)

SAT. 11 AUG.

"WHICH WAY TO THE FRONT" (107 Min.)
Jerry Lewis, Jan Murray (G)

"COUNTESS DRACULA" (93 Min.)
Ingrid Pitt, Nigel Green

(Horror) Ingrid Pitt is an aging countess who discovers quite by accident that her youth is revived by quick dips in virgin's blood. A young soldier (Sandor Eltes) appears on the scene and becomes enamored of the countess, who is now posing as her own daughter, much to the chagrin of Captain Nigel Green, who had known and loved Miss Pitt for her true self. (G)

SUN. & MON. 12-13 AUG.

"SHOWDOWN" (99 Min.)
Dean Martin, Rock Hudson (Western) Two cowboy friends, Dean Martin and Rock Hudson, find themselves on opposite sides of the law. Martin knocks off a train and Sheriff Hudson sets out to bring his friend to justice. (PG)

TUES. & WED. 14-15 AUG.

"SLITHER" (96 Min.)
James Caan, Sally Kellerman (Suspense-Comedy) James Caan, Peter Boyle, Sally Kellerman, and Louise Lasser head the cast in an unusual story of a bizarre hunt for stolen money, using as background the life-style of millions of Americans who travel and live in trailers, motor homes and campers. (PG)

THURS. & FRI. 16-17 AUG.

"DEATH OF A JEW" (99 Min.)
Akim Tamiroff, Assaf Dayan (Drama) Amid the continuing turmoil of Arab and Israeli in the Middle East, young Assaf Dayan is assigned by Israeli intelligence to install a secret transmitter in Arab territory. He is captured with two others and subjected to torture as Arab soldiers seek to learn the identities of Israeli spies in the area. (PG)

Dance Set at CPO Club

The "Clear Day Band," from Bakersfield, will play for a dance at the Chief Petty Officers' Club tonight, beginning at 9 o'clock.

According to George Barnard, manager of the CPO Club, the group is extremely versatile and can play music for "all ages."

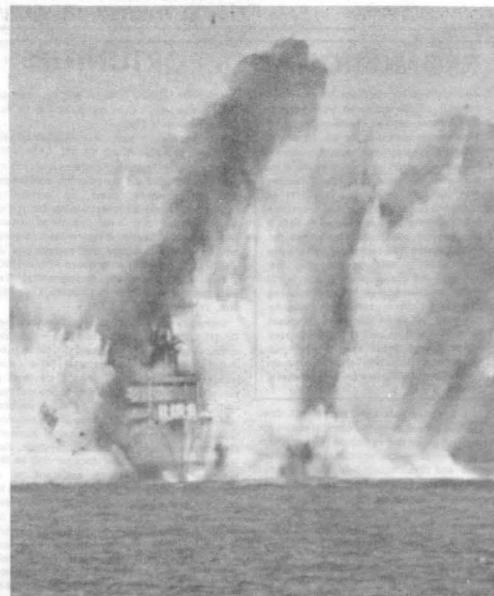
Barnard invites all club members and their guests to come early for dinner

From _____

TO _____

PLACE STAMP HERE

(Continued on Page 3)



GUNNERS ON TARGET — Estimating the effect of U.S. operational weapons on enemy ships is one of the goals of the Soviet Ship Vulnerability Program (SSVP). Code 12 personnel involved in this activity are an extension of the program management office in Washington. They coordinate R&D programs that support the SSVP and oversee the efforts of other labs for the program office.

nwc rocketeer

Naval Weapons Center
China Lake
California

Vol. XXVIII No. 32

'73-74 Budget Adopted For CL Schools

A budget totalling \$13,682,063 to cover the operation of the China Lake Elementary School District for the 1973-74 school year was adopted at Monday night's meeting of the district's board of trustees.

This is an increase of \$483,431 over the past year's budget for China Lake schools.

A portion of this increase is due to a boost in income that will be produced from local property taxes, it was noted by Grant Pinney, the district's assistant superintendent in charge of business.

Since the 1972-73 budget was drawn up, opening of the shopping center at the corner of China Lake and Ridgecrest Blvd. and the construction of new homes nearby that also are within the school district boundaries have added to the district's taxable property.

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Visitor Control Center Open 30 Min. Earlier

New hours of operation for the NWC Visitor Control Center at the main gate have been announced by W. E. Davis, Director of Security.

The Visitor Control Center is now open daily (including weekends) at 7 a.m. — a half hour earlier than before — and personnel will be available to process in official visitors and

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Weapons Planning Group Fills Key Role in Analyzing Needs

A key role in the relationship between the Navy's needs and weapon systems is filled at the Naval Weapons Center by the Center's Weapons Planning Group (Code 12).

This organization, nearly 60 strong, is headed by Carl Schaniel, with Al Goettig as senior associate. Code 12 is an operations analysis team on the staff of the NWC Commander and Technical Director.

The mission of Code 12 is to carry out a continuing program of data gathering, analysis, and investigation in order to be able to advise the Center and its project sponsors on the details of evolving operational requirements, conditions limiting the spectrum of solutions, and the utility of emerging new technical opportunities.

The personnel of Code 12 are not a bunch of ivory-tower-type theorists who deal in far-out probabilities or possibilities. They are scientists, engineers, and operations and data analysts who have come from development

groups and have a solid foundation in what a given type of hardware can be expected to accomplish.

A major portion of the effort of the Weapons Planning Group is directly in support of the Center as staff to the Commander and the Technical Director. In addition to supporting the NWC technical



Carl Schaniel, Heads Weapon Planning Gp.

programs, the Weapons Planning Group carries on project effort for a wide range of Washington offices in areas allied to the mission of the Center.

The overall efforts of the Weapons Planning Group are primarily analysis and interpretation. Individual and team efforts are active in the following areas, each essentially under the direction of a program manager: enemy capabilities (intelligence), U.S. operational capabilities, force projection studies, sea control studies, and R&D planning studies.

The Weapons Planning Group has worked for several years with offices in OPNAV in drafting formal Navy development requirements documents. The current Code 12 R&D planning studies team is under the direction of Dr. R. E. Rowntree, program director for R&D planning studies. Staff assistance is now being provided in tactical warfare ashore plus sea control and anti-air warfare documents. This work

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4th Presentation Of Tech Director Award Goes to Allen Gates

The fourth presentation of the NWC Technical Director Award, which was established here in mid-May, took place at Monday morning's meeting of the Center's Technical Staff.

Dr. Allen B. Gates, head of the Control Design and Analysis Branch in the Systems Development Department's Guidance and Control Division, was singled out for this special honor for his part in the analysis and simulation work that, during the previous two months, led to the successful flights tests of AIM-9L Sidewinder missile.

The award, which was presented by Dr. Walter B. LaBerge, NWC Technical Director, consists of an engraved paperweight, a letter of commendation and a \$200 stipend.

Dr. Gates suggested design changes to the AIM-9L Sidewinder missile, while actual hardware design and implementation was performed by personnel of the Infrared Guidance Branch (Code 5155).

Based on the above, additional contributions to the successful missile flight test in the areas of analysis and simulation were made by employees in the Weapons Systems Division (Code 511), the Weapons Systems Synthesis Branch (Code 5124), the Weapons Analysis Branch (Code 4055), and in the Aerodynamics Branch (Code 4063) of the Weapons

Development Department's Aeromechanics Division.

(Continued on Page 3)

Development Department's Aeromechanics Division.

Dr. Gates, who has held his present branch head position since October 1969, first came to China Lake as a junior professional summer employee in June 1962—following a year of graduate study at the University of Nevada, where he received a BS degree in June 1961.

Following summer employment



TECHNICAL DIRECTOR Award, designed by Dick Johnson.

at China Lake in 1962, Dr. Gates returned to the U. of Nevada and completed work on his Master's degree in mechanical engineering, which he received prior to entering the Army in March 1963 to fulfill a 3-year ROTC commitment.

Returning to China Lake upon being discharged from the Army, with the rank of captain in the field artillery, Dr. Gates was here for a

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Sea Cadets Travel Afar For Training

Three local Sea Cadets recently returned to China Lake from three weeks of sea duty in Canada as part of an exchange program of Sea Cadets between the United States and Canada.

The youths, all members of the Air Test and Evaluation Squadron Five's Sea Cadet unit, are E3 George Burdick, E3 Mike Schultz and PO3 Jerry Thomas. While in Canada they were assigned as crew members aboard three different 80-ft. YFPs (Yard Ferry Personnel) that sailed the waters around British Columbia on rescue and patrol duty.

Burdick was stationed on board the HMCS Cougar, Schultz was assigned to the HMCS Otter, and Thomas saw duty on the HMCS Wolf.

"The primary mission was to perform rescue work. However, our secondary mission was to learn seamanship, and that was the most interesting thing about the trip to me," said young Burdick, the son of Mr. and Mrs. George Burdick, of China Lake.

Stationed aboard each ship were 10 American Sea Cadets and three Canadian officers. Each Sea Cadet was assigned a number and the numbers were rotated each day so that the men could gain experience in various duties while on board the vessel. "We were taught how to stand watches, work the helm, operate the navigation system, stand lookout duty and standby the life buoys," said Burdick.

Each man was issued a SeaReq book (seamanship requirements) which had to be completed by the end of the cruise. "By the time you entered duties performed and answered the questions asked, you knew everything there was to know about one of those ships," young Burdick commented.

The three ships were engaged in



OFF TO SAN DIEGO — Four members of the local Air Test and Evaluation Squadron, Five (VX-5) Cadet unit, recently boarded a Navy C131 at the Naval Air Facility for two weeks' training at the U.S. Navy Training Center, San Diego. They are (l.-r.): John Alexander, Martin Dorrell, Tim Swann and John J. De Rosa III. Each year, members of the local Sea Cadet Squadron are selected to undergo various types of training at San Diego, on board ship, in Canada and other places in the Northern Hemisphere. Young men interested in joining the Sea Cadets are asked to contact Lt. Dick Schultz by calling 446-5664.

various contests throughout their 3 week-long voyages. These involved competition between the crews to see who could most quickly perform drills, such as "man overboard," towing other ships, fire, rescue, manual steering and navigation. The ship that sailed the fastest also earned points in the competition.

Schultz' ship, the HMCS Otter, won the competition by placing first in six of the seven categories. "My ship took one contest," Burdick said.

Young Burdick also added that his vessel was involved in one

rescue mission. "We sailed for three hours in six foot seas," he said. Burdick pointed out that the firm 80-ft. ships can "... sail in any weather. They are very seaworthy and are powered by twin diesel engines," he reported.

Next year Burdick said he would like to be assigned to a larger vessel, such as a destroyer. "I think that would be interesting," he said.

The VX-5 Sea Cadet Squadron is looking for young men between the ages of 14 and 18 who would like to participate in an active, Navy program at China Lake. Interested youths should call Lt. Dick Schultz, Commanding Officer of the local unit, at NWC ext. 2994.

PROMOTIONAL OPPORTUNITIES

Applications for positions listed in this column will be accepted from current NWC employees and should be filed with the persons named in the ad. All others desiring employment with the Naval Weapons Center may contact the Employment Division, Code 452, Extension 2049. Current applications (SF-171) or Standard Form 1972 should be submitted bringing your work history up to date if one has not been submitted within the last 6 months. The fact that positions are advertised in this column does not preclude the use of other means to fill these positions. Part of the ranking process of those rated as basically qualified will be a supervisory appraisal form that will be sent to the employees present and most recent previous supervisor. Selection shall be made without discrimination for any nonmerit reason.

Clerk-Typist, GS-322-3, PD No. 7345095, Code 4514—Incumbent performs clerical duties for the branch. Major duties include typing reports, letters, and technical articles; maintaining records and files; scheduling appointments; receiving visitors and telephone calls. Incumbent is responsible for time keeping and sorting and distributing incoming mail. Job Relevant Criteria: Must be a qualified typist. Minimum Qualification Requirements: As stated in X-118.

Clerk-Typist, GS-322-4, PD No. 7345096, Code 4554—Incumbent performs clerical duties for the branch. Will type memos, technical reports, receive visitors and schedule meetings. Job Relevant Criteria: Typing required. Minimum Qualification Requirements: As stated in X-118.

Editor (Printed Media), GS-1082-5 or 7, Code 5312—This position is that of editor, printed media, in Technical Publications Branch 2 of the Publishing Division of the Technical Information Department. Duties of this position will be coordinated between Code 5312 and Code 555, the In-Service Support Documentation Branch of the Technical Data Division of the Engineering Department. Most of the duties will be performed in Code 5555. The duties and responsibilities of this position are those of copyeditor / editor of manuals, specifications, other in-service documentation, and science and engineering reports; additional duties include some writing and rewriting of information, and assisting and instructing others in proper grammatical usage and publications styles. Minimum Qualification Requirements: As defined in CSC Handbook X-118. Job Relevant Criteria: Comprehensive knowledge of English grammar (BA degree in English or equivalent is desirable); proficiency in copyediting skills; ability to interpret the variety of specifications to which documents are written, to interpret and to write or rewrite information, to work independently, and to work effectively with writers, assisting them with grammar and publications style as required.

File applications for above with Mary Morrison, Code 657, Rm. 210, Ph. 2933.

Refrigeration and Air Conditioning Mechanic Helper WG-5306-45, JD No. 159-1, Code 70433—Assists journeyman in duties involving primarily installation, repair and replacement of gas fired heating equipment, refrigerated and evaporative air conditioning, and ventilating equipment. Incumbent will participate in a Pre-Journeyman Development Program. Minimum Qualification Re-

quirements: Rating will be on the basis of the appropriate J-Element Standard in accordance with X-118C.

Refrigeration and Air Conditioning Mechanic WG-5306-10, JD No. 212, Code 70433 (2 vacancies)—Installs, maintains and repairs refrigeration and air conditioning equipment and components used in providing refrigeration and air conditioning for living quarters, offices and industrial uses. Minimum Qualification Requirements: Rating will be on the basis of the appropriate J-Element Standard in accordance with X-118C. File applications and Supplemental Experience Forms with Dora Childers, Code 657, Rm. 210, Ph. 2932.

Secretary (Dictating Machine Transcribing) GS-318-5, PD No. 7385011, Code 8503—Position is that of secretary to the Legal Officer. Major duties include typing material of a legal nature; composing and reviewing correspondence; preparation in connection with the Legal Officer of adoption papers, wills, powers of attorney, affidavits, maintains legal library; reviews publications, journals for articles of information to supervisor. Job Relevant Criteria: Experience serving as the principal personal office assistant to a designated supervisor showing participation in the work of the supervisor through a close and direct working relationship. Experience in dealing with individuals with diverse interests and occupational backgrounds. Legal experience desirable. Minimum Qualification Requirements: As defined in CSC Handbook X-118. Advancement Potential: To GS-318-6.

Toolmaker, WG-3414-13, JD No. 221, Code 5545—This position is located in the Shop Branch of the Mechanical Division, Engineering Department, incumbent calibrates, manufactures, repairs and sharpens machine shop tools, jigs, fixtures, dies and gages, sets up and operates various metal-working machines, cleans and finishes hand tools to finish, fit or assemble them. Works from sketches, verbal instructions, or primary blueprints. Job Relevant Criteria: Ability to scribe the layout of precision tools on metal to specified dimensions of close tolerances; ability to work from blueprints and sketches; ability to set up and operate all machine tools and precision machines pertaining to the trade; ability to manufacture and use various gages; ability to perform work involving annealing and hardening of tools and die steel; knowledge of metals and alloys. Minimum Qualification Requirements: Rating will be on the basis of appropriate J-Element Standard in accordance with X-118C.

Telephone Office Manager, GS-392-5, 4 or 7, PD No. 7285009, Code 8544—Position is that of head of the Telephone Branch, Command Administration Department. Incumbent is responsible for supervision of eight communication clerks who provide operator assistance and record keeping functions for the Center's telephone system and other communications systems. Plans, directs, assigns and coordinates the work of the communications service clerks which includes keeping the Center's telephone directory current, reviewing monthly billing from several telephone communications services and the review and verification of the Mobile Radio Contract. Job Relevant Criteria: Must have administrative and supervisory experience. Should have a basic knowledge of communications procedures, including a working knowledge of communications terms. Minimum Qualification Requirements: As defined in CSC Handbook X-118.

Test Mechanic (Experimental Electronic Equipment), WG-2492-12, JD No. 313-8, Code 5517—This position is located in the Central Engineering Test Branch, Quality Engineering Division of the Engineering Department. Incumbent sets up and operates test equipment on missile and space vehicle structural components. Items tested are missile structural assemblies, wings, guidance structures, fuzes, guidances and acquisition systems. Alters, modifies, repairs and overhauls items under test or producing test conditions. Job Relevant Criteria: Theory of instruments (electrical used in shop and trade practices). Technical practices (theoretical, precise, and artistic); ability to use electrical drawings; ability to use and maintain hand tools (electrical work); and ability to set up and operate test equipment. Minimum Qualification Requirements: As defined in CSC Handbook X-118C, in accordance with J-Element Standards. NOTE: Position originally advertised 08-03-73 incorrectly as WG-2881-11, Code 551. Applicants who applied then will be considered and need not reapply.

Materials Engineer (Plastics), GS-806-12, PD No. 7350079, Code 5514—This position is located in the Materials Processing and Evaluation Branch, Quality Engineering Division of the Engineering Department. Duties include the investigation of raw materials to examine properties for possible application in ordnance devices, to furnish counsel on plastics materials for research on plastic materials, liaison with industry and on Center on plastics problems. Job Relevant Criteria: Four to six years progressive experience in materials engineering (plastics). Experience in dealing with contractor personnel. Minimum Qualification Requirements: As defined in CSC Handbook X-118.

File applications for above with Linda Grossman, Bldg. 34, Rm. 204, Ph. 2925.

Supervisory General Supply Officer, GS-2001-9, PD No. 7325027, Code 2592—This is a temporary position NTE one year with a possibility of leading to a permanent position. This position is that of Head, Receiving Branch, Material Division, Supply Depart-

ment. Duties include receiving, inspecting, and issuing supplies to the fleet. Job Relevant Criteria: Must have administrative and supervisory experience. Should have a basic knowledge of communications procedures, including a working knowledge of communications terms. Minimum Qualification Requirements: As defined in CSC Handbook X-118.

CIVILIAN-DEPARTURES
Code 0231—Marion A. Carter, Code 1762—Carol R. Leape, Code 25924—Max C. Grober, Code 3124—Haim D. Tabakman, Code 3312—Starnes E. Walker III, Code 3523—Harry J. Pifer, Code 3522—Arthur J. Meier, Code 3713—Estelene D. Cottingham, Code 4536—Jack Baker, Code 4554—Gertrude M. Hamilton, Code 5102—Donna L. Davis, Code 5107—Michael G. McFall, Code 5331—Teresa A. Jackson, Code 5546—Dorothy B. Corn, Code 5517.

NEW ARRIVALS-CIVILIAN
Code 12—RUBY M. RENKE, Code 172—Norma L. Jones, Code 2575—Walter J. Sulek and Ronald H. Bennett, Code 2591—Joseph F. Steed, Code 25912—Thomas E. Hudson, Code 25913—Ricky W. Norris, Code 25923—Louis C. Saddington, Code 3371—Arthur J. Hickle and Richard J. Ormsby, Code 3372—Sandra K. Mangrum, Code 3544—Max A. Harbally, Code 4050—Robert K. Orr, Code 4091—Joel A. Cash, Code 4093—Lawrence B. Brown, Code 4531—Lawrence C. Shull, Code 5114—Jack R. Bates, Code 5141—Robert M. Cox, Code 5313—Lorraine B. Fuller, Code 5531—Donald R. Bowling, Code 5533—Joann M. Jarrett, Code 6022—Roger F. Reinking, Code 603—John S. Rinehart, Code 7002—Christina A. Lowe, Code 84213—Dahl K. Anderson, Code 8443—Mary E. Fifer, Code 85—Lorraine A. Ladd, Code 8544—Anne L. Cuykendall.

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CATBIRD...
(Continued from Page 6)
ankles fused. Now he can no longer run, so he learned to pitch. His awesome power was felt in the final game, however, when he blasted a shot over the centerfield fence. One other older member of the Davis team was a standout—Doug Fisher—who played some of the most beautiful first base seen around here in a long time.

"He's pure poetry around that bag," said Gabe Imer, head of the Special Services Division. Doug made some incredible stops and being left-handed soon taught the opposing teams not to bunt against him. He needs only to turn and throw to first base on a bunt. If he was right-handed, he would have to take a couple steps before he could throw the ball and not hit the base runner.

Most of the out-of-towners are eager to return next year. However, a general complaint was heard from nearly all those who came to China Lake to play in this tournament. "This place has the rudest, most obnoxious fans I've ever heard of at a game," said a member of the Bob's Cafe team. "They have no class at all," he added.

Food for thought?

(Continued on Page 5)



A TENDER MOMENT—Alyne Lindgren and Larry Carter, both members of the "Hello, Dolly!" chorus, are shown in the "Put on Your Sunday Clothes" number from the production, currently in rehearsal. "Hello, Dolly!" will be presented at the Burroughs High School Lecture Center on Aug. 24, 25, 30, 31 and Sept. 1. Curtain time is 8:15 p.m. Tickets, priced at \$2.50 for adults and \$1.25 for students, can be purchased at The Gift Mart in Ridgecrest and the Station Pharmacy, or can be obtained from members of the cast.

Hail and Farewell

For the month of July 1973

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NEW ARRIVALS-CIVILIAN

Code 12—RUBY M. RENKE, Code 172—

Two 'Young Lions' Qualify In Golf Club Championship

Two of China Lake's young lions, an old standby and a golfer who has yet to emerge from his shell to the greatness predicted for him, are the four finalists who will compete tomorrow and Sunday for the China Lake Men's Golf Club championship.

Craig Clark, a 1971 graduate of Burroughs High School who has been attending Porterville College, shot rounds of 79 and 72 for a gross score of 145 to capture first place in the qualifying rounds. Jim Runchey, Jr., who will be a senior at Burroughs this fall, scored with rounds of 74 and 73 for 147 gross total.

The third spot went to Curt Bryan, who has been a finalist many times in the past. Bryan shot rounds of 79 and 72 to qualify with a 151 total. Dick Clay, a Chief Petty Officer stationed at NWC, shot rounds of 78-74 for a 152 total, to qualify for the final spot in the championship play-off.

Max Smith, the current club champion, opened with a 76 on Saturday and slipped to a 77 on the final day of qualifying, to miss out by one stroke. The three-time title holder hit a ball out of bounds on hole No. 18, and three-putted No. 9 to miss his bid for an unprecedented fourth club championship by one stroke.

Other Finalists

The four finalists in the

Femme Sportswriter Will Be New Sports Publicist

Carol Benton, the wife of Al Benton, an employee of the Test and Evaluation Department, has been selected to handle the duties of sports publicist for the Special Services Division.

Mrs. Benton replaces Leo Rick-



Carol Benton

mers, who returned to Dallas, last month.

Born in Kansas City, Mo., Mrs. Benton was graduated from Ruskin High School, in Hickman Mills, Mo. She worked for a few years at various jobs including secretary-receptionist, as a personnel assistant and as a bookkeeper. She moved to the Indian Wells Valley 1 1/2 years ago and met her husband. The couple was married soon after.

The new sports publicist received an AA degree from Bakersfield College in January of this year.

She plans to attend Cerro Coso Community College in the fall.

President's Flight — golfers whose handicaps range from 0 to 11 — are Bob Hooper, Al McDonald, Joe Stricheck and Dan Morey. Young Morey is a Burroughs student who will be entering his junior year in the fall.

Competing in the First Flight — golfers in the handicap range of 12 to 16 — are Dick Davis, Dan Wagner, Terry Vickers and Ron Morey, the father of the young finalist in the President's Flight.

Basil Legg, Jack Lindsey, Fred Anderson and Mike Sanitate will vie for the crown in the Second Flight, for golfers with handicaps 16 and above.

Starting times for the flights tomorrow are as follows: Second Flight, at 8 a.m. Legg will meet Anderson and Lindsey will contest Sanitate. All finals will be match play for 18 holes.

In the First Flight, Davis vs. Morey and Wagner vs. Vickers will tee-off at 8:08 a.m., and the President's Flight will hit the links at 8:16. Hooper will go against Stricheck and McDonald takes on young Morey.

The match that will draw the most galleryites tees off at 8:24. Clark and Bryan will play an 18-hole match, while Runchey meets Clay. The winners on Saturday will play an 18-hole match on Sunday to determine the champions of each flight.

Mrs. Benton will be covering sporting events and reporting on other Special Services' activities for The ROCKETEER. In addition, part of her duties revolve around photographic coverage of these events.

In September, Mrs. Benton will initiate a column to be run on the sports pages of The ROCKETEER that will disseminate the woman's point of view in the world of sports.

Her experience includes writing for her high school paper. She enjoys competing in sports and is an active spectator at various sporting events on the Center. Her hobbies include camping, hiking, hunting, and the regular femme pastimes of sewing and home decorating.

Stoner Selected as Athlete of Month

Mike Stoner, second baseman for the NWC Varsity softball team, has been selected as July's "Athlete of the Month." The selection was made by the Special Services Division.

Stoner, a 1972 graduate of Burroughs High School, will be entering Bakersfield College this fall, where he will play for the Renegades' baseball team.

He is the son of Donald and Joyce Stoner, of Ridgecrest. His father is an employee of the Public Works Department on the Center.

Young Stoner has been a prominent baseball player locally since his Little League days. His family moved to China Lake from Long Beach, Calif., when he was 11 years old, and Stoner immediately signed up for the local Little League program. In the ensuing years, he was tapped to play on the Little League All-Star team, and



THROWS OUT THE FIRST BALL — O. A. "Gabe" Imer, head of the NWC Special Services Division, threw out the first ball to signal the beginning of the first annual NWC Special Services' Invitational Softball Tournament last weekend.

Clodt's 'Cinderella Team' Wins Softball Tournament

By Carol Benton

The Earl Davis Contractors — a newly formed team of NWC Varsity throw-aways — not only put down the Varsity softballs, but smashed their way to first place with a 6-1 record in NWC Special Services' first annual Invitational Softball Tournament, held at Reardon Field Aug. 3, 4 and 5.

Known as the Indian Wells Valley Merchants during the tournament, and managed by Rich Clodt, the team socked the final blow to Bob's Cafe from Oildale, 10 to 6, in the last game on Sunday night. Third place went to the Boron Sportsman with the NWC Varsity team finishing a disappointing fourth.

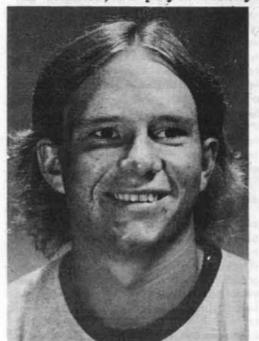
Ralph Stalnaker, of the Earl Davis team, won the "Most Valuable Batter" award with 3 homers, 5 doubles and 10 hits out of 24 times at bat for a .417 average. Burt Galloway triumphed as "Most Valuable Pitcher" by giving up only four earned runs in 24 innings.

"Most Valuable Fielder" award went to Larry Bryant from Bob's Cafe. NWC's Billy Brown and Bob Steckley, from Mel's Pharmacy, won honorable mention for their pitching.

The NWC Varsity began to feel the power of the Earl Davis nine during the first game of the

the All-Star teams in both the Pony and the Colt Leagues.

In addition, he played varsity



Mike D. Stoner

baseball at Burroughs during his sophomore, junior and senior years.

Entries Being Taken For Golf Invitational

Entries are now being accepted for the 12th annual China Lake Golf Club Invitational, set for Sept. 15 and 16. Entry forms are available at the golf club pro shop.



In The Catbird Seat

By Jack Lindsey
The ugly duckling turned out to be a swan, after all! The frog was really a prince! The glass slipper fit . . . and Rich Clodt's fairy tale Cinderella softball team lived happily ever after.

The softballers, sponsored by Earl Davis Contractors, in Ridgecrest, played together as a team for the first time in the China Lake Special Services' Invitational Softball Tournament, held last weekend at Reardon Field, and took all the marbles.

Made up of what manager Clodt described as "NWC Varsity team rejects," the newly-formed team defeated first the Boron Sportsmen and Bob's Cafe from Bakersfield twice on the final day, to win the crown.

"All we really wanted to do was whip the NWC Varsity team," said Lowell Radcliff, coach of the team. "That was the only reason Clodt put the team together. We hadn't any idea that we could go all the way and beat the out-of-towners," he smiled, obviously elated.

Six other teams were entered in this, the first annual softball tournament at China Lake—the NWC Varsity, NAF Hawks, Bob's Cafe, Mel's Pharmacy from Lancaster, Marv and Jerry's Welding from Bakersfield, and the Boron squad.

The local favorite was Marty Denkin's Varsity nine. However they were eliminated from the tournament on Saturday when they lost their second game in a row to Clodt's merchant nine, the first loss coming in the first game of the tournament on Friday evening.

Bob's Cafe went undefeated until losing to the Davis Contractors in the 5 p.m. game on Sunday. That set up the championship game at 8 o'clock Sunday evening between Clodt's clouters and the eatery bunch.

Grabbing an early lead in the finale, the Contractors went on to win 10-6, staving off a late-inning bid by the visitors from Bakersfield.

After young Ralph Stalnaker (who won the MVP award for his hitting), a graduate of all of the local baseball and softball League tournament held two weeks ago.

Nicknamed "Mr. Hustle" by his teammates, Stoner is a field general for the team and very often sparks the local squad to greater efforts.

Big Al used to be a terror at the plate until the terrible motorcycle accident that left him with his

(Continued on Page 7)

21 File for Election...

(Continued from Page 1)

From China Lake—Doris Hammer, a housewife; Dr. Richard Knipe, a research physicist; Judy Lind, a management technician; and Anthony Simshauser, an engineer.

From Ridgecrest—Dr. Arnold Adicoff, a chemist; Dan Butler, management services coordinator; Rev. William Charlton, a minister-counselor; Helen Ferguson, educator; Dr. Leon Karner, orthodontist; Dr. David S. Kyser, physicist; Rod McClung, a senior engineer at NWC; Marino Melsted, a mechanical engineer; Dr. John O'Lane, obstetrician and gynecologist; Harry Pursel, manager of the Ridgecrest facility of Texas Instruments, Inc.; Bob Sizemore, a supervisory general engineer, and Dr. Aldean Washburn, dentist.

From Inyokern—Charles L. Keene, Jr., pipe shop foreman, and Richard Lewis, manager of Automation Industries, Inc., Ridgecrest facility of the Vitro Services Division.

A number of the candidates for the board of trustees of the new unified school district are now school board members, or have had such experience in the past.

All five members of the board of trustees of the Indian Wells Valley Union School District are seeking election to the unified school district board. They are Butler, Dr. Karner, Lewis, Dr. O'Lane and Dr. Washburn. While Dr. O'Lane has filed his candidate's papers, he later announced his intention of withdrawing from the race, since he has accepted a position with a hospital in Detroit, Mich.

Current or past trustees of the China Lake Elementary School

District who are now up for election to the unified school district board are Mrs. Hammer, Dr. Knipe, and McClung.

Another of the candidates, Sizemore, is a former member of the IWV Union School District board of trustees.

School Budget...

(Continued from Page 1)

In other business taken up at Monday night's school board meeting, Dr. Sol Spears, district superintendent, reported upon a meeting which he held recently with Harry Blair, Kern County Superintendent of Schools, and his staff, to discuss the implications of unification of schools in the local area from the teachers' point of view.

Since that meeting with Blair, which was sponsored by the steering committee of the local United Teachers' Organization, Dr. Spears has met with Joe Basso, the steering committee chairman.

At that time, Dr. Spears advised school board members and fellow administrators, he suggested to Basso areas and topics on which study groups, or committees composed of teachers, school administrators and parents could work together to prepare recommendations for consideration by the governing board of the unified district following its election on Oct. 2.

China Lake Elementary School District trustees also were informed by Dr. Spears that Friday, Aug. 24, has been set as the target date for beginning the move into all of the district's new buildings, with the exception of the special education complex, and full occupancy of the new buildings is anticipated on Friday, Aug. 31.

Classes for the new school year will begin on Thursday, Aug. 30, instead of following Labor Day as has been customary in the past.

Red Cross Sets First Aid Class

Instruction will begin at 7 p.m. next Wednesday, Aug. 15, in a Red Cross advanced first aid course that is to be held at the Safety Building, located at the corner of Nimitz Ave. and Hussey Rd.

After the new school year starts in September, future first aid course sessions will be held on Tuesdays from 7 to 9 p.m. at the Safety Building.

Anyone possessing a currently active standard first aid certificate is eligible to take this class.

Those interested in registering for the class, or anyone seeking further information, are asked to call Warschauer at NWC ext. 3967 or 3962 during working hours, or after work at 446-6932.

TD Award...

(Continued from Page 1)

few months until, in the fall of 1966, he left for Case-Western Reserve University in Cleveland, Ohio, to study for a Ph.D. in control engineering. The following spring he was awarded an NWC Fellowship that continued in effect for two years, and he ultimately completed the requirements for his doctorate in June 1971.

His Ph.D. thesis was entitled "Experimental Modelling of Network-like Systems."



FAMILIARIZATION TOUR CONDUCTED — Among distinguished visitors last week at the Naval Weapons Center was Rear Admiral W. L. Harris, Jr., from the OPNAV Office of Research, Development, Test and Evaluation. RAdm. Harris (seated second from left) is director of the Tactical Air, Surface and Electronic Warfare Development Division. He is shown conferring with RAdm. Paul E. Pugh, NWC Commander (at right); Frank Knemeyer (seated between the two admirals), NWC's Deputy Technical Director for Strike Systems, and Leroy Riggs, Deputy Technical Director for Electronic Systems. During the day-and-a-half that he spent at China Lake, RAdm. Harris received a concentrated briefing on current research and development programs, and was able to look over NWC facilities and equipment. RAdm. Harris also is shown in photo below with Deputy Technical Director Riggs as he boarded a helicopter prior to making an aerial tour of the NWC ranges.



PHOTO MIXUP — Two photos taken more than a year ago, and then never used, inadvertently were incorrectly identified when placed in the ROCKETEER files. The error cropped up to haunt the NWC newspaper staff last week when a photo of Ellie Blackwell was published in place of the one which had been intended of Sue Gardner, whose name was in the news because of her participation in the Management Intern Program. Belatedly, and with apologies to all concerned, The ROCKETEER is publishing Mrs. Gardner's photo above.

Aid to Visitors...

(Continued from Page 1)

handle vehicle registration changes Monday through Friday from 7 a.m. to 5 p.m. These latter two services previously were cut off at 4:30 p.m. on weekdays.

The pass desk will continue to operate daily from 7 a.m. to 11:30 p.m. Between the hours of 11:30 p.m. and 7 a.m., passes will be issued by the gate guards.

These changes are the result of continuous efforts by the Security Department to improve its services to the community.

Power Outage Slated Sunday In Range Area

A power shortage, during which all electrical power will be shut down between the hours of 7:30 a.m. and noon, will take place on Sunday at various locations in the Naval Weapons Center range area.

This action is necessary in order to replace a weakened pole on the 32,000 volt power line which extends into the Center from its western boundary, Joel T. Halop, head of the Public Works Department's Maintenance Control Division, stated.

Barring any serious interference with vital test programs, the areas that will be affected by the power outage are: The intermediate pump station at SNORT; wells No. 18A, 28 and 29 at B-4; the Askania station east of the B-1 substation on the B-1 range; the Askania station northeast of the G-4 track in the L-B area; the Askantias at Cinder Peak on G-4 range, and the Sandquist Spa recreation area.

Code 12 People Serve as Operations Analysis Team

(Continued from Page 1)

falls principally to Tom Seufert, Tom Rindt and Dr. Miriam Cartwright.

Code 12 prepares summaries of major Department of Defense and Navy policy and fiscal planning documents—examining them for



Ed Swann, Directs Force Projection Studies

critical statements of decisions that will impinge on Center programs.

The planning studies function includes a reference library of planning documents and an abstracting service of information pertinent to specific Center technical efforts, under the direction of Ben Brown.

An important part of the Code 12 operation is the intelligence library, which is used by the entire NWC technical community. It contains foreign weapons technology information, which is used to provide part of the rationale for NWC design goals.

Wayne Melton, the librarian, is an expert at finding specific information in these areas. The task of keeping track of the library's 8,000 documents is handled by Margaret O'Neill.

Bob Burrows has replaced Earl Towson (who is on temporary duty at the Naval War College) as the Center's Scientific Technical Intelligence Officer (STILO). The STILO serves as the link between the NWC technical and outside intelligence communities.

The current operations program provides a reference center (run by Eleanor Eng) of information about U.S. missiles, weapon systems, and fleet operations. From this center, Bud Ruff has been able to do special studies and keep a "box score" tally of how U.S. weapons are doing. Bill Sykes, the

program director for both intelligence and current operations, is now in the process of recruiting an additional project leader.

The Fleet support program is handled by Frank Buffum and Lt. Ron Costi, who are the contacts for Marine Corps program coordination, the Naval Science Assistance Program, and the NWC Fleet Technology Liaison Program. These programs are designed to apply NWC technical expertise to a wide range of current Navy and Marine problems.

NWC is cooperating with the Naval Undersea Research and Development Center (NUC) and the Naval Electronics Laboratory Center (NELC) in developing a war gaming capability. This effort is headed locally by Jack Latimer, program director for sea control studies. The program, coordinated by Jim Baird, has these objectives: to expose technical people to operational problems, to explore tactical interactions, to provide planning aid for Fleet exercises, and to expose operational personnel to tactical situations.

NWC provides the expertise in the area of air and surface weapon interactions, NUC covers un-



Al Goettig, Sr. Associate in Code 12

derwater environment and acoustics, and NELC covers command, control, communications, and electronic warfare.

The Soviet Ship Vulnerability Program is headed locally by Dave Newjort, assisted by Mick Rindt. Goals of this program are to provide the Navy with estimates of the ability of its operational weapons against enemy ships, and to enable the Navy's research and development activities to assess improvements in the ship-attack

ability of developmental weapons.

In the two years since its establishment, the SSVP has provided the Fleet with weaponing data for several classes of Soviet ships, and has developed computer models that have been used in a variety of research and development projects by both the Navy and the Air Force.

Another program in Code 12 is a study of combat suppression, dealing with the reactions of infantrymen when they are brought under heavy fire and take cover—thereby becoming ineffective in their combat functions.

Alan Hugo, the project leader, and Doug Kinney are two of the Weapons Planning Group's operations analysts who are concerned with how to go about building weapons that will best suppress an enemy's capability to actively resist. Heretofore, no one had described combat suppression or analyzed the effects of weapons in producing suppression. Mathematical models are being developed to make it possible to compare those weapon effects.

Another study, being conducted by John Freeman, is on the utility of long range, air-to-air missiles and how such weapons could improve the Fleet defensive capability.

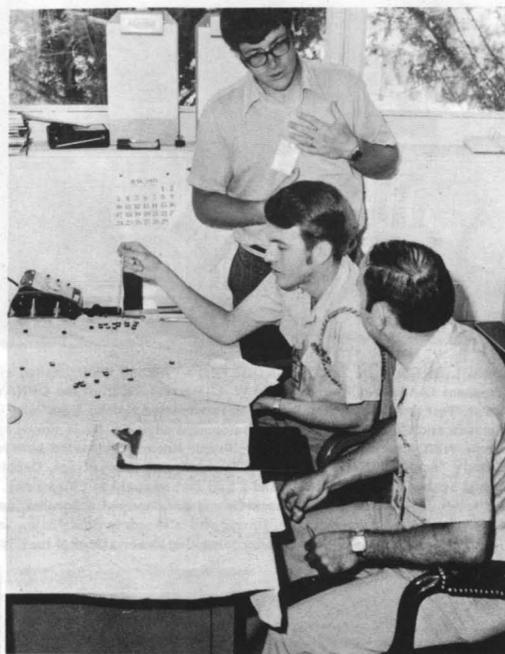
Typical of the way NWC's Weapons Planning Group operates was the assistance given the Chief of Naval Operations in deciding the Navy's future needs in air-ground ordnance (Navy-Marine Ordnance Requirements). The study (NAVMOR) was assigned to the Naval Weapons Center under the direction of Ed Swann, program director for Force Projection Studies, to develop an improved method for computing the requirements for Naval air weapons.

Use of the NAVMOR study aided Navy planners in determining a weapons and munitions procurement plan, enabling them to anticipate requirements several years in advance.

More recently, the Chief of Naval Material asked Code 12 to help devise an alternative way of developing an overall budget for the Navy's exploratory development effort. This effort, led by Karl Simecka and Tom Seufert, is seen as a more rational way to relate solutions to Navy needs. As a result of this achievement, CNM is now considering follow-on projects to be undertaken by the Weapons Planning Group.

Two of Code 12's operations research analysts are currently on field assignments. Gino LaMarca is on a nine-month tour of duty with the Sea Control Forces Branch in the Office of Chief of Naval Operations, Washington, D.C., and Bud Ruff is working with the Third Fleet staff in Hawaii and will be there for approximately a year.

This, then is the Weapons Planning Group—a small, unique group of competent people, solidly based in hardware development and possessed of good common sense. Their challenge and goal is to provide data, analysis, in interpretations, and recommendations that affect the future programs of the Center and the Navy.



WAR GAMES SIMULATE TACTICAL ENGAGEMENTS — Exposing operational personnel to tactical situations is one of the objectives of the war games that are conducted by Weapons Planning Group personnel. Shown at one such session is Lt. D. L. Bright (in center), flag lieutenant to the NWC Commander, who is flanked by Reuel Launey (standing) and Lt. R. J. Costi, both of Code 12. The latter is the Weapons Planning Group's Military Advisor.



CLASSIFIED MATERIAL CONTROLLED — Responsibility for keeping track of the intelligence library's classified materials falls to Margaret O'Neill, the Weapons Planning Group custody control point and security officer. She is shown checking out film slides to Earl Towson, the Center's Scientific Technical Intelligence Officer.



THEIR PARTICIPATION in a program of long range air-to-air missile analysis is typical of the work performed by Code 12 operations research analysts, such as Will Balkburn (at left) and John Freeman, shown above.

PROMOTIONAL OPPORTUNITIES

(Continued from Page 2)

ment. The functions of this branch are the receipt, processing, inspecting, delivering, expediting, follow-up and storage of all incoming Center materials. Incumbent of this position has management responsibility for the work of the branch concerned with receiving, handling, storing, and physically controlling items within NWC's distribution system. Incumbent shall be responsible for initiating and developing new procedures, revising existing ones, and affecting approved changes in documentation and handling of materials to improve efficiency. Incumbent is responsible for consolidating the material process flow from point of receipt to delivery. Minimum Qualification Requirements: Three years general experience and 2 years specialized experience as defined in CSC Handbook X-118. Job Relevant Criteria: Knowledge of the principles, practices, and techniques of managing the physical receipt, custody, care, and distribution of material; knowledge of material process flow from receipt to delivery; ability to deal effectively with customers, vendors, and carriers.

Procurement Clerk (Typing), GS-1184-3, 4, or 5, PD No. 722553-2. (2 vacancies). Code 2522 — Types, assembles, and distributes purchase orders, delivery orders and other paperwork involved in small purchase and government contracts. Furnishes information regarding procurement status to customers and vendors; receives salesmen; maintains files and records pertaining to procurement. Minimum Qualification Requirements: As defined in CSC Handbook X-118. Job Relevant Criteria: GS-3, 4, or 5 — ability to meet and deal with others; ability to deal effectively with outside contacts; proficient typist GS-4 or 5 — ability to make decisions; familiarity with the functions of government procurement operations; ability to function under minimum supervision. GS-5 — proficient in operating IBM MTST Typewriter; knowledge of purchasing procedures, practices and regulations. Advancement Potential: Procurement Clerk, GS-5 and Purchasing Agent, GS-5 and GS-4. Clerk (Typing) GS-381-3, PD No. 722552. Code 2532 — This position is located in the Ordnance Control Branch, Supply Department. Duties include maintaining complete and accurate records of all ammunition received, stored, issued and shipped by the Ordnance Division. Typing responsibilities consist of the typing of forms used for stock control records of ammunition. Minimum Qualification Requirements: As defined in X-118. Job Relevant Criteria: Must be familiar with MILSTRIP requisition 427 and attendant shipping and receiving documents, Government Bill of Lading numbers. Ability to work under minimum supervision. Knowledge of explosive terminology would be helpful. Advancement Potential: Supply Clerk (Typing) GS-1105-4.

Secretary (DMT), GS-318-4 or 5, PD No. 723598. Code 355 — This position is that of division secretary in the Courtesmeasures Division, Electronic Systems Department. The incumbent coordinates the secretarial functions of the division. Types a variety of correspondence and reports from either a dictating machine or rough drafts for the division head and his staff. Acts as receptionist, directing visitors, taking all incoming telephone calls, and receiving and screening incoming mail. Maintains division files; makes travel arrangements; and arranges meetings and/or conferences, obtaining and assembling the necessary materials. Participates in the training of division clerical staff. Minimum Qualification Requirements: As defined in CSC Handbook X-118. Job Relevant Criteria: Must be qualified typist. Ability to carry out the functions of the position without close supervision. Ability to deal effectively with people, demonstrating a high degree of judgement, initiative and tact. Advancement Potential: GS-5.

File applications for the above with Sue Prasolowicz, Bldg. 34, Rm. 204, Ph. 2577.

Electronic Technician, GS-854-7, 10 or 11, Code 3780, PD No. 723224. This position is located in the Frequency Management Group, Test Support Division, Test and Evaluation Department. The duties to be performed include to design, evaluate, calibrate, and operate electronic receiving and analyzing systems used for radio frequency monitoring, identification and signaling. The incumbent performs typing and receptionist duties, makes travel arrangements, prepares time cards, routes incoming correspondence, and performs other duties for the personnel in the branch. Minimum Qualification Requirements: As outlined in CSC Handbook X-118. Job Relevant Criteria: Must be an experienced typist. Must be familiar with technical terminology. Have knowledge of Navy correspondence format and must be an experienced typist.

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

Clerk-Typist, GS-322-3, PD No. 7150088 Amf. Code 3171 — This position is located in the Electronic Design and Fabrication Branch, Engineering Division, Fuze Department. The incumbent receives visitors and telephone calls, receives and distributes all incoming mail for branch. Prepares letters, messages, reports, transmittals, time cards, travel orders, etc. Composes and prepares more routine types of correspondence from brief

notes and verbal instructions. Minimum Qualification Requirements: As defined in the following duties: plan and conduct a variety of experiments or tasks involving electronic engineering for fact finding purposes; design and develop conventional electronic equipment items; plan, organize and conduct complete field or laboratory type test projects for technical or operational evaluation. Minimum Qualification Requirements: As specified in the CSC Handbook X-118. Job Relevant Criteria: Knowledge of electronic engineering principles and theory, application of principles and theory to research, development and testing tasks. Ability to write a variety of technical reports, summaries and memos.

General Supply Assistant, GS-2001-5, PD No. 728007, Code 48 — This position is located in the Medical Supply Section, Medical Department. Incumbent directs complete inventory management of medical and other various materials required by the Medical and Dental Department. This includes requirements determination, stock level maintenance, requisitioning, receipt, storage and distribution of material. Incumbent maintains stock control records, determines five month usage rates and demands, acts as a purchasing agent. Knowledge of medical and pharmaceutical terms and funds is desirable. Some knowledge of budgets and budget specifications is helpful. Minimum Qualification Requirements: As defined in CSC Handbook X-118. Job Relevant Criteria: Skill in maintaining plant property account; experience in keeping historical data on line items; experience in managing stock inventories; ability to deal with suppliers and commercial dealers; ability to act as a purchasing agent.

File applications for the above with Claire Lewis, Bldg. 34, Rm. 212, Ph. 2371.

Plant Account Clerk, GS-501-3, 4, or 5, PD No. 7317049, Code 1761 — Maintains records regarding plant property transactions requiring the application of general accounting procedures. Controls the flow of acquisition, transfer and disposal documents between the Plant Property Accounting Officers and Data Processing. Reconciles plant account documents. Prepares plant account report, assists plant property accounting officers, and supervises and trains one plant account clerk. Job Relevant Criteria: Must be familiar with training which demonstrates arithmetic aptitude and ability to contend with intricate detail in compiling data. A source knowledge of NIF double entry accounting and familiarity with CDP reporting is needed. Usable typing skill is desirable. Minimum Qualification Requirements: As defined in CSC Handbook X-118.

File applications for the above with Elizabeth Soderren, Bldg. 34, Rm. 206, Ph. 2676.

Clerk-Typist, GS-322-4, PD No. 7284002, Code 84 — This position is clerk-typist for the Security Department staff. Duties include typing official correspondence, proposed instructions, memorandums and reports, travel orders, etc. Receives telephone calls and visitors, screens mail and messages, and keeps time and maintains department correspondence files. Minimum Qualification Requirements: As defined in CSC Handbook X-118. Job Relevant Criteria: Must be a qualified typist. Must have knowledge of NWC clerical procedures.

File applications for the above with Charlette Steckowski, Bldg. 34, Rm. 204, Ph. 3118.

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

Clerk-Typist, GS-322-3, 4, PD No. 7230162, Code 5122 — This position is located in the Avionics Branch, Agile Development Division, Systems Development Department. The incumbent performs typing and receptionist duties, makes travel arrangements, prepares time cards, routes incoming correspondence, and performs other duties for the personnel in the branch. Minimum Qualification Requirements: As outlined in CSC Handbook X-118. Job Relevant Criteria: Must be an experienced typist. Must be familiar with technical terminology. Have knowledge of Navy correspondence format.

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

Clerk-Typist, GS-322-3, 4, PD No. 7330020, Code 5124 — This position is located in the Weapon Synthesis Branch, Agile Development Division, Systems Development Department. The incumbent performs typing and receptionist duties, makes travel arrangements, prepares time cards, routes incoming correspondence, and performs other duties for the personnel in the branch. Minimum Qualification Requirements: As outlined in CSC Handbook X-118. Job Relevant Criteria: Must be familiar with technical terminology. Knowledge of Navy correspondence format and must be an experienced typist.

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notes and verbal instructions. Minimum Qualification Requirements: As defined in the following duties: plan and conduct a variety of experiments or tasks involving electronic engineering for fact finding purposes; design and develop conventional electronic equipment items; plan, organize and conduct complete field or laboratory type test projects for technical or operational evaluation. Minimum Qualification Requirements: As specified in the CSC Handbook X-118. Job Relevant Criteria: Knowledge of electronic engineering principles and theory, application of principles and theory to research, development and testing tasks. Ability to write a variety of technical reports, summaries and memos.

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AIR FORCE GENERAL BRIEFED — Lieutenant General G. A. Kent, USAF, Director of the Air Force Weapons Systems Evaluation Group, visited the Naval Weapons Center last Thursday for a briefing on a variety of Center programs and a look at some of NWC's special facilities. The Air Force general is shown above conferring with Rear Admiral Paul E. Pugh, NWC Commander, who was on hand to greet him upon his arrival at the Naval Air Facility.

IWV United Way Budget Committee To Review Requests of Agencies

A series of meetings to review the 1974 budgets and requests for financial support from member agencies of the United Way of Indian Wells Valley (formerly United Fund) have been scheduled by the United Way Budget Committee.

Tuesday, Aug. 28, IWV Campership Child Welfare Fund; Wednesday, Aug. 29, China Lake Mountain Rescue Group, and Thursday, Aug. 30, One to One.

Wednesday, Sept. 5, Winners' Circle, and Thursday, Sept. 6, Girl Scouts.

Tuesday, Sept. 11, Campfire Girls; Wednesday, Sept. 12, American National Red Cross, and Thursday, Sept. 13, Boy Scouts.

Wednesday, Sept. 19, Desert Counseling Center, and Thursday, Sept. 20, Salvation Army.

Wednesday, Sept. 26, Children's Home Society, and Thursday, Sept. 27, Indigent Patient Fund at Ridgcrest Community Hospital.

Serving with Eisel on the United Way Budget Committee are Sharon Ballenger, Judy Lind, Jerry Miller, Bill Sutherland and Doug Warschauer.



ELECTRONIC GEAR DISPLAYED — A recent demonstration of electronic instrumentation attracted the interest of Naval Weapons Center employees. This event, held at the Community Center, was arranged by William J. Barry, who was here as a representative of Scientific Devices of California, a Los Angeles firm. Included among the equipment that was set up in working condition for demonstration purposes were data generators, microwave instruments and components, pulse generators, amplifiers and signal conditioners, portable and monitor oscilloscopes, tape recorders, phase angle voltmeters and angle position indicators.

REFERENCE SEARCH MADE — J. W. (Bill) Sykes, program director for Intelligence and Current Operations in the Weapons Planning Group, glances through a booklet from the Weapons Planning Group's intelligence library — an important part of the Code 12 operation that is available for use by the entire NWC community. Looking on at left is Wayne Melton, the librarian, who is an expert at digging up information from the library's more than 8,000 documents.