

Society for Quality Control To Organize Local Sub-section

An organizational meeting of the Sierra Sands Sub-section of the American Society for Quality Control (ASQC) will be held next Wednesday evening at The Hideaway in Ridgecrest.

A prime rib dinner, starting at 7 p.m., will precede the business session that will begin at 8 o'clock. Plans for holding an election of officers by the local group, and a schedule of activities for the coming year will be discussed. In addition, there will be a speaker from the aerospace industry.

Tony Miller has been designated by the parent San Gabriel Section of ASQC as the formation chairman of the local group, assisted by Walt Kuzmin, as an advisory member. Additional details can be obtained from either of these two men by calling 446-3501.

The Sierra Sands Sub-section of ASQC plans to conduct a reliability engineering refresher course in early September at Cerro Coso Community College. This exam is designed to prepare interested persons in taking the Certified Reliability Engineering Exam, sponsored by ASQC.

In addition, the local sub-section of ASQC is planning to start a quality control refresher course in early November. This exam will prepare students for the certified quality engineering exam that has been scheduled in December.

Other plans of this new group call for bringing a variety of technical experts in the systems effectiveness field to Ridgecrest as a means of disseminating the latest technological advances in these disciplines to interested residents of the China Lake-Ridgecrest area.



"UNHAND THAT CHILD," say the villain and villainess (l.), portrayed by Jim Rieger and Ginger Bartlett, respectively, as the hero and heroine (Alan Woodsen and Cherryl Bruce), attempt to save the babe, Horace Richbill, portrayed by a conglomeration of rags. The scene is from "Virtue Triumphant," or, "Horace Comes Home From the Laundry," which is to be presented tomorrow night, beginning at 9, on the lanai of the Commissioned Officers' Mess. Admission is \$1 for all. A second melodrama, "He Done Her Wrong," or, "Wedded, But No Wife," also will be staged. Both presentations are produced by the China Lake Players and are directed by Sandee Schwarzbach. —Photo by Ron Allen

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. 23 AUG. "PRIME CUT" (87 Min.) Lee Marvin, Gene Hackman (Action Drama) About gangland rivalry and violence in America. (R) SAT. 24 AUG. —FAMILY MATINEE— "STAGE TO THUNDER ROCK" (88 Min.) Barry Sullivan, Marilyn Maxwell (G) —EVENING— "ULZANA'S RAID" (104 Min.) Burt Lancaster, Bruce Davison (Western) This is the story set after the Civil War about a band of Apaches who have left the Indian Reservation to go on a rampage. (R) SUN. & MON. 25-26 AUG. "BUSTING" (92 Min.) Elliott Gould, Robert Blake, Cornelia Sharp, Logan Ramsey (Drama) Los Angeles vice squad detectives Elliott Gould and Robert Blake are rugged individuals. They arrest prostitute Cornelia Sharp after her session with dentist Logan Ramsey, but the case is dropped. The partners are assigned to infiltrate a gay bar, where they have to dance with each other. A riot ensues. A massage parlor / dirty book store arrest leads to a gun battle with dope pushers in a crowded supermarket. In each case, crime czar Allen Garfield is responsible and the guilty parties are freed. Although the partners are separated after they're severely beaten by Garfield's men, Gould and Blake use their spare time to harass Garfield. (R)

TUES. & WED. 27-28 AUG. "PIRANHA" (90 Min.) William Smith, Peter Brown (Adventure Drama) Terri Green, a young photographer, her brother Art and their guide, Jim Pendrake, set out by motorcycle to photograph the jungle wildlife of Amazon River area. The trio encounter Caribe, a cold-blooded hunter with a well-deserved reputation for little regard of animal or human life. After photographing diamond mines, the group travels with Caribe, to his compound on the Amazon River. It is here that Jim, Terri and Art learn that they are to be hunted rather than the hunters in a dangerous game devised by Caribe. (PG) THURS. & FRI. 29-30 AUG. "FUZZ" (93 Min.) Burt Reynolds, Raquel Welch (Comedy Drama) This is a story about the bumbling efforts of several plainclothesmen to track down an extortionist whose death threats against certain men in high office are made and fulfilled. (PG)

Cast Selected for Play. A cast has been selected and rehearsals are under way for the next Community Light Opera and Theater Association production, "Who's Afraid of Virginia Woolf?" Selected to play Martha is Florence Green, well known local director, actress and CLOTA mainstay. Playing opposite her as George is a newcomer to the local area, Nick DeBonis. Cast as the unsuspecting couple who participate in a strange night with Martha and George are Wes Willett, as Nick, and Linda Webb, as Honey. From: \_\_\_\_\_ To: \_\_\_\_\_ PLACE STAMP HERE

Turn in Timecards Early Next Friday. All personnel who are responsible for submission of employee timecards are reminded that because of the Monday, Sept. 2, Labor Day holiday, timecards for the regular work week ending on Aug. 31 must be delivered to the Payroll Office no later than 12:30 p.m. on Friday, Aug. 30. This is necessary, because the processing of timecards must be completed by next Friday evening. No timecards are to be held out, since failure to provide the Payroll Office with an accurate timecard by the Aug. 30 deadline may result in a delay in pay for the employee. Any overtime for Friday night, Aug. 30, or Saturday, Aug. 31, should be submitted on a supplemental timecard for payment covering the subsequent pay period.

Citizens' Group Makes Recommendations To BLM on Jawbone Canyon Management. A special citizens' group has held its first meeting to provide the Bureau of Land Management with recommendations for multiple use management of national resource land in the Jawbone Canyon area of eastern Kern County. According to Lou Boll, BLM district manager, the group is composed of Cody Williams, representing the California Off-Road Vehicle Association; Dr. George E. Lawrence, Sierra Club; Mary De Decker, California Native Plant Society; Mike Hinshaw, American Motorcycle Association, and J. D. Dillard, representing the major landowner in the area. Roy A. Gholson, area manager of the California Department of Parks and Recreation, is an ex officio member of the group and will coordinate the State Park Department's efforts at Red Rock Canyon with those of BLM and the citizens' group. The Jawbone Canyon area was designated as a special design area in BLM's recently adopted Interim Critical Management Program for Recreation Vehicle use on the California Desert. It is a popular recreation vehicle area with many conflicting resource uses and intermingled public and private lands. The special study by the above-named group will attempt to resolve the conflicts and provide for as many resource uses as possible. "We encourage interested individuals to work through their representative in the group," Boll said. "Because of the many conflicts in the area, we felt a small working group best suits the total public interest in this area." Aetna Agent Due Here. Jim Neffew, the Aetna Insurance representative, will be at the Community Center on Wednesday, Aug. 28, from 9 a.m. until 1 p.m.

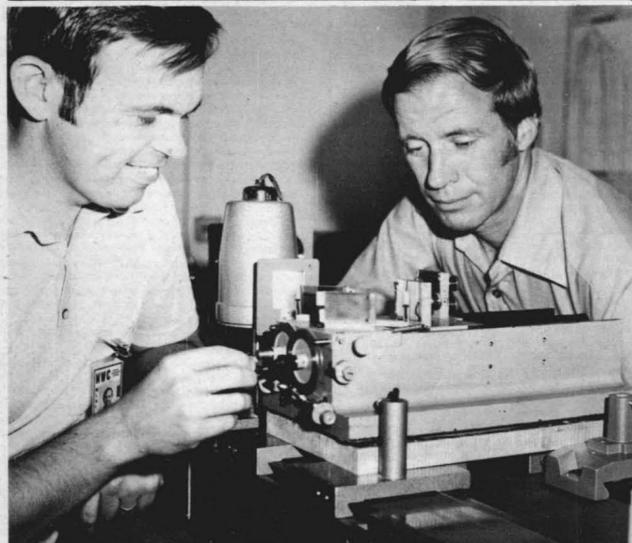


FIRST YOU SWING IT THIS WAY — Members of Auntie Becky's South Seas Islander group of dancers attempted to teach guests the hula at last Saturday's annual luau, held at the Chief Petty Officers' Mess. The patrons obviously enjoyed the lessons. Approximately 250 guests sat in the cool summer evening on the lanai and savored the Islander menu, along with prime rib, and floor show that capped this 11th annual event. Auntie Becky, who hails from San Pedro, Calif., was the hit of the night, as were the fire dancers, sword dancers, and grass-skirted girls. Dancing to the music of Auntie Becky's combo followed the floor show.

nwc rocketeer

Naval Weapons Center China Lake California Vol. XXIX, No. 33

Aug. 23, 1974 INSIDE... New Classes at College... 2 Infant Gets Helicopter Ride... 3 Capt. Sturman To Retire... 4 Navy Exchange Business Hours Listed... 5 Sports... 6 Quality Control Group To Form... 8



OLD INSTRUMENT USEFUL TODAY — Keith L. Gardner (at left) and Donald W. Peterson, two physicists in the Weapons Development Department, have found the Michelson parallel path interferometer highly useful in their current work on an advanced electro-optical system. This instrument, similar to one used by Dr. A. A. Michelson in 1892, was borrowed from the Michelson Museum on the Center. Gardner and Peterson are shown adjusting the path length on the interferometer.

NWC Physicists Find Good Use For Michelson Interferometer

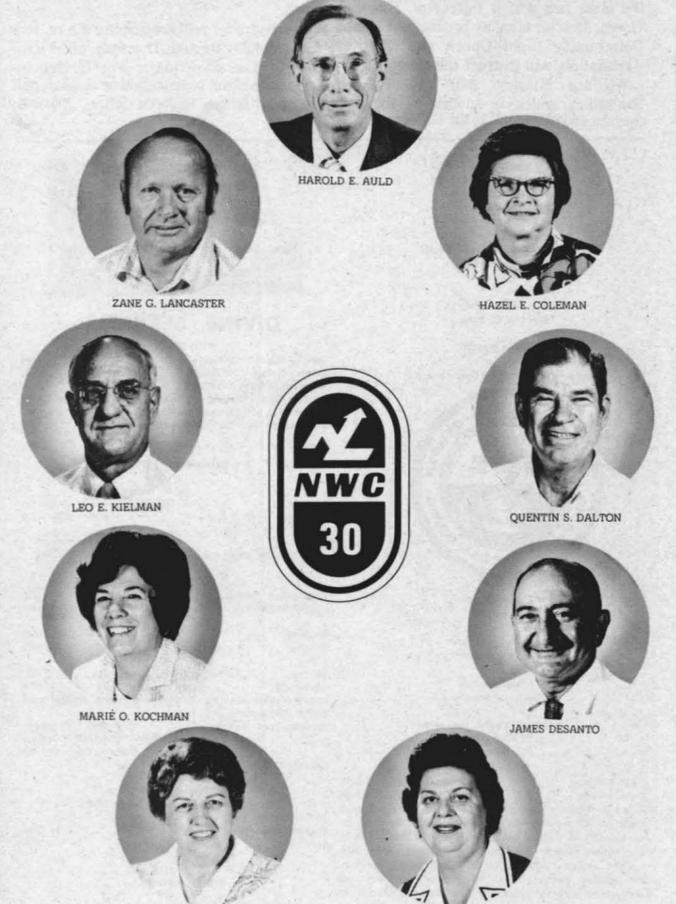
An original Michelson interferometer (dating from about 1900) of the type that Dr. A. A. Michelson, the Nobel prize-winning scientist, used in 1892 to measure the standard meter in wave lengths of red cadmium light, is once again finding application in the work of scientists at the Naval Weapons Center. At the present time, Keith L. Gardner and Donald W. Peterson, physicists in the Electronics Branch of the Weapons Development Department's Infrared Systems Division, are making use of this instrument (borrowed from the Michelson Museum on the Center) in connection with their work on an advanced electro-optical system.

Efforts Continue To Reduce Consumption Of Energy on Center

Efforts are continuing to reduce the Naval Weapons Center's overall energy consumption rate in line with requirements set forth by the Chief of Naval Material at the time the "energy crunch" was recognized as the nationwide and worldwide problem that it is. This week, the following reductions in various types of energy and fuel supplies were reported by Ltjg. L. S. Murphy, Public Works Department project officer, for July 1974 in comparison to the same period two years ago: Electrical power—down 15.1 per cent; natural gas in housing area—down 10.3 per cent; diesel fuel consumption—down 8.6 per cent; and propane gas use—down 35 per cent. The latter figure is due, in part, to the fact that a changeover from propane to natural gas is being made at homes in Desert Park (the Wherry housing area), Ltjg. Murphy noted. Increases in two types of fuel consumption also were reported for this past July, as compared to Fiscal Year 1973. They were: Industrial gas—up 14.4 per cent, and gasoline for vehicles—up 10.1 per cent.

Nine Employees First To Receive NWC 30-Yr. Pins

Nobody knows who first coined the phrase, "termination winds," but those horrendous windstorms, coupled with the blazing heat, were responsible for a great many employees of the Naval Ordnance Test Station (now NWC) deciding to terminate their jobs during the early construction days of NOTS, Inyokern. "Every time the winds blasted across what was then largely desert wasteland, raising clouds of choking dust and paint-scouring sand, the lines would form at the Personnel Office on Fridays," Rod McClung, an early employee of NOTS who recently retired, recalled. "The dust would be so thick one could hardly breathe," he said, noting that the lack of vegetation allowed Mother Nature to vent her anger at those so audacious as to consider erecting a modern community in so isolated an area. The more hardy ones stayed a little longer than that, and the valley grew on them. This past Tuesday, nine employees of the Center were presented the first NWC 30 year length of service pins by RADM. R. G. Freeman III, NWC Commander. Also present for the ceremony were the department heads, or their representatives, of each of the honored employees. Only one of the nine came to China Lake as a civilian—Anna K. McDuff. She reported to work as a fiscal accounting clerk on July 11, 1944, just one week ahead of the first contingent of WAVES (Women's Navy), which included Hazel E. Coleman, now a management assistant in Central Staff's Records Management Group, who was also presented a 30-year pin. Also sent here as members of the WAVES were Maria O. Kochman, now a publications officer for TID, and Theresa E. (Rose) Gonzalez, who heads up Central Staff's Records Management Group. Mrs. Kochman reported in August 1944 and Mrs. Gonzalez arrived in September of that year. Mrs. McDuff is currently a management analyst in the Central Staff's Management Division. All five men honored last Tuesday first came to China Lake as military personnel. James DeSanto, a consultant in Code 14, arrived at Inyokern on Aug. 28, 1944, as a lieutenant commander in the Navy. Leo L. Kielman, who is now a mechanical engineer in the Weapons Development Department, and Howard E. Auld, a general engineer with the Surface Missiles Department, arrived on the scene in September 1944. Quentin S. Dalton, who now works as Administrative Officer for the Test and Evaluation Department, and Zane G. Lancaster, a planner and estimator in the Public Works Department, both arrived in November 1944. The latter four were enlisted men. These nine stayed and braved the winds, the barrenness, the loneliness. All but two met their mates at China Lake and raised their children here. (Continued on Page 3)





PROMOTED — Fr. Aquinas J. Smith (l.), NWC's Catholic Chaplain, is congratulated by Rear Admiral R. G. Freeman III, NWC Commander, upon his promotion recently to the rank of lieutenant commander. The five-year Navy veteran is serving his first tour of duty at China Lake, although he was sworn into the Navy and stationed at NWC for a period of about six weeks in 1969. He is a former assistant pastor at St. Ann's Catholic Church in Ridgecrest. He returned here in 1971.

Many New Classes Planned at Cerro Coso

Registration at Cerro Coso Community College is currently under way and will continue until Sept. 5. Many new classes have been added to the curriculum this fall, including a course in soaring, called Aeronautics 70. Phelps TerHeun, a well-known local advocate of this sport, is the instructor. Another new course, entitled Repair Your Beetle, will be held for owners of Volkswagens and others who want to know how to repair the popular German automobile. Mike Hinson will be the instructor. Although Drama 27 is not a new course, the class has a new instructor. Florence Green, director of many productions for the Community Light Opera and Theater Association, will instruct the class. William Kinney will teach Food Sanitation, which is another of the new courses added this fall at the College. Cover-

ed in the classroom will be many of the sanitary laws mandated by the State of California for restaurant facilities. Besides classes in Elementary and Intermediate French offered by Mrs. Kathy Lawrence, a new class in French, to be taught by Michel Vernon-Cole, has been scheduled. This will be French Literature, offered on Tuesdays and Thursdays from 5 to 6:15 p.m. And a course for persons interested in flower arrangement has also been set for the fall semester. This is in addition to the class known as Gardening and Nursery Practice. Both courses are taught by Mrs. Kathleen Pratt. The hours for registration are 9 a.m. to 9 p.m., Monday through Thursday, and 9 a.m. to 4:30 p.m. on Fridays. For further information about registration or classes, call the Admissions Records office, 375-5001, Ext. 32.

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 652, Ext. 2069. Ads will run for one week and will close at 4:30 p.m. on the Friday following their appearance in this column, unless a later date is specified in the ads. 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 654 or 657). 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.

Standards in accordance with CSC Handbook X-118C. Advancement Potential: To WG-6. Supply Clerk, GS-205-3 or 4, PD No. 7425036, Code 25911 — This position is in the Storage and Retail Branch of the Supply Department. The incumbent is responsible for the receiving, preparation and processing of Teltmart orders. Types correspondence for the warehouse, prepares master cards for new items, types stubs and maintains record and reports. Minimum Qualification Requirements: As defined in CSC Handbook X-118. Job Relevant Criteria: Ability to get along with others in work group. Ability to work rapidly and accurately. Telephone answering skills. File applications for the above with Claire Lewis, Bldg. 34, Rm. 212, Ph. 2371. Secretary, GS-318, PD No. 6917035, GS-4 / 5 / 6, Code 17 — This position is secretary to the Head of Central Staff. The incumbent is responsible for providing administrative / clerical support to the head, Central Staff; maintains calendar, departmental files, personnel log, work requests, etc.; reviews and directs incoming mail to the appropriate official; prepares routine correspondence, schedules meetings and conferences, arranges travel. Minimum Qualification Requirements: As defined in CSC Handbook X-118. Job Relevant Criteria: Must be familiar with Navy correspondence format, files, ability to meet deadlines under pressure. Knowledge of Center organization and policies. Shorthand skills desirable. Military Pay Clerk, GS-545-3 or 4, PD No. 7117013, Code 1745 — Incumbent maintains the pay records for active duty Armed Forces personnel. Provides advice on military pay system. Processes full range of military pay actions (e.g. separations, retirement, re-enlistment, etc.). Minimum Qualifications Requirements: As outlined in CSC Handbook X-118. Job Relevant Criteria: Experience with military pay systems desirable. File applications for above with Elizabeth Sodergren, Bldg. 34, Rm. 204, Ph. 2676. Electronics Technician, GS-854-7, PD No. 7455120, Code 5541 — Applications will be accepted from current NWC career or career-conditional employees only. Position is located in the Test and Coil Development Section, Electronics Prototype Branch. Duties include laboratory testing and alignment of electronic devices and equipment, inspection and evaluation of contractor performance and hardware for conformance to WS6536, design of electronic test equipment and circuitry, fabrication of electronic equipment, electronics equipment encapsulation and reports and documentation. Job Relevant Criteria: Knowledge of theory of operation of all passive electronic components. Knowledge of basic math for design calculations. Working knowledge of theory of operations of transistor circuits. Experience in field of plotting as applied to electronic equipment. Potential to achieve within a 6-month period certification as a Category "A" Senior Examiner under the provisions of Process Specification, Procedures and Requirements for preparation and soldering of electrical connections, WS6536. Minimum Qualification Requirements: As defined in CSC Handbook X-118. Electronics Technician, GS-854-9, 10, 11, PD No. 7355104-1, Code 5541 — Applications will be accepted from current NWC career or career-conditional employees only. Position is located in the Test and Coil Development Section, Electronics Prototype Branch. Duties include design of test circuits, derivation of test procedures and obtaining data on advanced circuits while in breadboard, prototype, and R&D stages. Also included is instrumentation design, specification and purchases. Incumbent will also function as technical coordinator for an Electronics Fabrication Services Contract. Job Relevant Criteria: Experience in electronic test, alignment and qualifications functions. Knowledge of guided missile

Contract Specialist, GS-1102-5, PD No. 7440154, Code 40181 — This position is on the Procurement Staff of the Weapons Development Department. This is a training level position in which the incumbent will assist senior contract specialists in a variety of tasks in the areas of contract negotiation and administration and procurement. The incumbent will also assist in expediting Code 40 contracts at off-Center offices. Minimum Qualification Requirements: As defined in CSC Handbook X-118. Job Relevant Criteria: Must have general understanding of contract procedures. Experience in contract negotiation and administration is desired. Electronic Engineer, GS-855, or Physicist, GS-1310-9 / 11 / 12, PD No. 7440153, Code 4064 — This position is located in the Simulation Branch of the Weapons Development Department. Incumbent uses analog and hybrid simulation facilities to solve problems pertaining to control systems and flight dynamics. Work includes aiding project analysts in conducting simulation studies as well as performing entire analyses. Develops improved simulation techniques. Minimum Qualification Requirements: As defined in CSC Handbook X-118. Job Relevant Criteria: Familiarity with analog / hybrid equipment; familiarity with differential equations. File applications for the above with Charlotte Sieckowski, Bldg. 34, Rm. 204, Ph. 2315. Clerk-Typist, GS-322-3 / 4, PD No. 7250050, Code 33 — This position is in the staff offices of the Fuze Department. Incumbent provides clerical services for the department staff including typing technical and administrative correspondence, filing, preparing routine or recurring correspondence, memos, receiving telephone calls, and timekeeping. Assures on-hand supply of office materials and operates various office machines. Minimum Qualification Requirements: As defined in CSC Handbook X-118. Job Relevant Criteria: Reliability and dependability, ability to meet deadlines under pressure, ability to get along with others in work groups. Warehouseman, WG-4907-4 / 5 JD No. 362 or 33, Code 2591 — Performs a number of tasks in connection with the physical receipt, storage or issue of supplies. Receives, checks, stows, counts, issues and assembles supplies of all types in accordance with established supply systems, procedures and methods. Minimum Qualification Requirements: As defined by the appropriate J-Element

(Continued on Page 7)



CELEBRATE THREE DECADES OF SERVICE — Capt. W. H. Sturman (r), NWC Public Works Officer, recently presented 30 year Federal length of service pins to the three men shown above. They are (l.-r.): Ed Hogue, Ron Gunderson and Alton Brooks. Hogue joined the U. S. Army in 1942 and served three years. He came to NWC 27 years ago and is a foreman at the PW Heavy Duty Shop. Gunderson is also an Army veteran. He served for three years in World War II and another two years during the Korean War. He became a Civil Service employee in 1948 and returned to China Lake in 1952 following his discharge from the Army. He is a sheet metal worker in Code 70422. Brooks, who grew up in Ft. Lauderdale, Fla., served two years with the U. S. Army and went into Civil Service following his discharge in 1944. He came here in 1949 and is presently an air conditioning mechanic in Code 70433. —Photo by PH3 D. M. Jeneraux

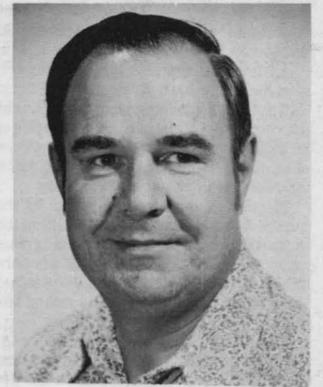
PROMOTIONAL OPPORTUNITIES

(Continued from Page 2)

guidance systems and associated test and evaluation equipment. Working knowledge of Navy procurement procedures. Experience in dealing with private industry contracts. Minimum Qualification Requirements: As defined in CSC Handbook X-118. Sheetmetal Mechanic, WG-306-10, JD No. 325, Code 55481 (2 vacancies) — Applications will be accepted from current NWC career or career-conditional employees only. This position is located in the Shop of the Mechanical Division, Engineering Department. Incumbent fabricates missiles, rocket motors, rocket sleds, electronic chassis, panels, cabinets, and parts requiring the application of the full knowledge of the sheetmetal mechanic. Work is done to close tolerances and requires the forming of unusual shapes and forms. Includes shaping, cutting and assembly. Job Relevant Criteria: Ability to do the work of the position without more than normal supervision. Knowledge of equipment, structure, and materials. Ability to interpret instructions, specifications and blueprints. Knowledge of layout and pattern development, and ability to use hand tools for metal work. Minimum Qualification Requirements: As defined in CSC Handbook X-118. Advancement Potential: To Model Maker WG-380-14. Supervisory General Engineer, PD No. 7455119, GS-801-13, Code 5542 — Applications will be accepted from current NWC career or career-conditional employees only. Position is that of Head, Air and Surface Launched Weapons Branch. Duties include branch planning and administration and technical supervision. Specific areas of technical participation include production support, fleet engineering, liaison with all levels of DOD and weapon systems development. Job Relevant Criteria: Experience in design, project management, and engineering supervision. Experience in mechanical, chemical and electrical aspects of propulsion units, warheads, fuzes, airframes. General knowledge of total weapons systems including aerodynamics, internal and external ballistics, launchers, electrical and mechanical aircraft installations, firing circuits and documentation required. Minimum Qualification Requirements: As defined in the CSC Handbook X-118. File applications for above with Carol Downard, Bldg. 34, Rm. 204, Ph. 2925. Clerk (Typing) GS-301-05, PD No. 7451087, Code 5140 — This position is secretary to Head, Infrared Optics and Measurements Division. Duties include keeping division head's calendar, scheduling meetings and conferences, arranging travel, typing a variety of reports and correspondence, receiving visitors and telephone calls, drafting inter-office memos and maintaining files. Minimum Qualification Requirements: As defined in CSC Handbook X-118. Job Relevant Criteria: Must be familiar with Navy correspondence format. Ability to meet deadlines under pressure. Ability to independently provide the full range of clerical services to an engineering organization. General / Aerospace / Mechanical Engineer, GS-12 or 13, Code 5104 — Sideliner AIM-9L Program Office, Systems Development Department. Major areas of responsibility will be in the Target Detector / S&A Device, Motor / Wings / Fins, Warhead, System Safety and Environmental testing of the AIM-9L missile. Responsible for making technical decisions and establishing design parameters; works with various staff members, design engineers and coordinates with Air Force personnel and various Air Force facilities in the design and development of the system. Minimum Qualification Requirements: As stated in the X-118. Job Relevant Criteria: Technical background experience in areas listed above; contract administration experience including technical coordination of contractor effort; ability to plan and technically direct the work of other engineers; ability to work effectively with outside organizations and agencies. Clerk-Typist, GS-322-3 / 4, PD No. 7437042, Code 371 — This position is that of clerk-typist, Test & Evaluation Department, Project Engineering Division. The incumbent will provide clerical support for branches within the Project Engineering Division. The incumbent will also act as an assistant to the division secretary. Minimum Qualification Requirements: As defined in CSC Handbook X-118. Job Relevant Criteria: Ability to type efficiently and accurately, ability to get along with others in work group, reliability and dependability. File applications for above with Pat Gaunt, Bldg. 34, Rm. 212, Ph. 2514. Ordnanceman (EP&E) WG-4502-10, JD No. 247-3, Code

4542 (2 vacancies) — Performs the necessary manipulations involved in the operation of equipment for carrying out various processes associated with experimental and / or developmental preparation of various kinds of chemicals. Will work from job specification sheets, performs mixing, casting, molding, extruding and coating of processes leading to the development of experimental or developmental chemical compounds. This position is qualifying for Physical Science Technician. Minimum Qualification Requirements: As stated in X-118C. Job Relevant Criteria: Applicants must have demonstrated, through experience, the acquisition of safe practices and work methods relating to the handling and manufacturing of ordnance. Ability to perform the sequence of operations with precision. Ordnanceman (EP&E), WG-4502-9, JD 247-2 or Test Mechanic (EP&E), WG-4502-11, JD No. 530, Code 4549 — Duties include assembly and disassembly of experimental ordnance items such as bomb fuzes, warheads and other compounds, and altering or modifying similar units and various arming and firing devices; reporting of test results and fabrication of fixtures to be used for tests. Minimum Qualification Requirements: As specified in CSC Handbook X-118C. Job Relevant Criteria: Practical knowledge of a wide variety of explosives. Ability to work and experiment with new devices or designs. Knowledge of machine operations. Secretary (Typing), GS-318-5, PD No. 7345138, Code 451 — This position is located in the Advanced Technology Division Office. Incumbent provides secretarial support to division head and division personnel as required. Duties include composing and reviewing correspondence; technical report typing, frequent personal and telephone contacts, obtaining and presenting information, making travel arrangements, setting up and maintaining files. Minimum Qualification Requirements: As defined in the CSC Handbook X-118. Job Relevant Criteria: Familiarity with Navy correspondence and filing procedures. Ability to deal effectively with people. Must be qualified typist. Ability to operate MCST preferred. Ordnance Learner, WG-4511-4, JD No. 287-2, Code 4545, 3 vacancies — This position will consist of training in the following categories: Plastic molding propellants machining, propellant mixing and casting, inhibiting, igniter fabrication, extrusion, block pressing, rocket motor loading, disassembly and reassembly of rocket motors (modified), grinding of raw materials for processing of propellant, cleaning hardware and returning to stock. This position is covered by a training program. Job Relevant Criteria: Reliability and dependability, shop aptitude and interest, ability to follow directions in shop, dexterity and safety, ability to work as a member of a team. Minimum Qualification Requirements: As defined in CSC Handbook X-118C. Advancement Potential: To the position of Ordnanceman (EP&E), WG-4502-9. Clerk-Typist, GS-322-3 / 4 PD No. 7345096, Code 4554 — Provides clerical support for the branch. Types technical material, compiles and prepares reports, receives telephone calls and visitors, schedules appointments and meetings, receives and distributes mail, performs various other clerical duties. May do typing for other branches as time permits. Minimum Qualification Requirements: As stated in X-118. Job Relevant Criteria: Familiar with Navy correspondence, filing and instructions. Ability to type efficiently and accurately. Able to deal effectively with people. File applications for the above with Mary Morrison, Code 457, Ph. 2393. Electronics Engineer, GS-855-9 / 11 or 12, PD No. 7340172, Code 4553 — This position is located in the Infrared Weapons Systems Branch. Incumbent will perform the necessary digital and analog circuit and systems designs and digital computer programming to implement area correlation and digital image processing systems for laboratory, field, and flight evaluation. Minimum Qualification Requirements: As defined in CSC Handbook X-118. Job Relevant Criteria: Experience in area correlation. Experience in digital image processing techniques. Experience in digital computer simulations. Ability to communicate effectively. Ability to design analog / digital I-O interface circuitry. File applications for the above with Charlotte Sieckowski, Bldg. 34, Rm. 204, Ph. 2318. Physical Science Technician, GS-1311, 9 / 10, PD No. 7460024, Code 4018 — This position is located in the Physical Optics Branch, Physics Division, Research Department. File applications for the above with Tina Lowe, Bldg. 34, Rm. 204, Ph. 2723.

Employee In The Spotlight



"I really have two full-time careers," said Phelps TerHeun. "The first is my job as a general engineer with the Systems Effectiveness Branch in the Electronic Systems Department. I haven't been there long, but I really enjoy the work and the people I work with. "My other career is with the Civil Air Patrol, and it really keeps me jumping," he added. Phelps is currently the Emergency Services Officer, Project Officer, and Operations Officer for China Lake Squadron 84 of the CAP. "I'm the lucky guy who gets called out of bed at 2 a.m. every time an airplane is reported missing," he complained. (In fact, as the interview of Phelps was being conducted, a search mission was under way, initiated by him scant minutes before he walked into The ROCKETEER office.)

Phelps TerHeun

Involved in Flying

In addition, he is a member and former officer of the China Lake Navy Flying Club, and he is also an instructor of soaring. As if that wasn't enough, Phelps manages to find time to instruct a course on soaring at Cerro Coso Community College (due to start in the fall semester), and has instructed ground school for both the local flying club and the CAP.

He has always managed to involve himself in something. A native of Greenwich, Conn., Phelps' family moved to Scottsdale, Ariz., when he was 14 years old. He was graduated from Judson High School there and then spent two months in Europe with the Boy Scouts of America at the World Jamboree in 1952.

Back home again, he entered Arizona State College at Tempe, and earned a bachelor's degree in electronics. He promptly joined the U.S. Army and pulled an entire two year hitch in North Carolina, working as a field engineer with the Army Ordnance Missile Command.

Moved to San Francisco

After his discharge, Phelps moved to the San Francisco Bay Peninsula and went to work for the Lockheed Corp. During the nearly nine years he put in with that firm he was a logistics engineer, ground support equipment designer, instrumentation engineer and a maintainability engineer. "I got tired of the fog," he gave as his reason for moving to Ridgecrest in 1968.

"I moved from Sunnyvale, where it never rains, to Ridgecrest, where there was't one," he joked. In Ridgecrest, Phelps joined the Computer Applications firm and put in three years with that company.

was, to Ridgecrest, where there wasn't one," he joked. In Ridgecrest, Phelps joined the Computer Applications firm and put in three years with that company.

Became a Contractor

In 1971, he moved to Texas and went to work for a family contracting business. "I stayed long enough to build 40 or 50 homes, then I realized I missed the Indian Wells Valley," he said.

He returned in late 1972 and was employed by the Engineering Department as a general engineer with the Integrated Logistics Support Branch. A few months ago, he transferred to his present job.

Phelps learned to fly in Arizona about 1953, but never received his pilot's license until 1969. "I have probably got the record for the longest period of being a student pilot," he quipped. Once he got the license, however, he made up for lost time.

He has many other interests, among them little theater. Locally, he has appeared onstage in Community Light Opera and Theater Association (CLOTA) productions and Theater 27 productions at Cerro Coso College. In addition, he directed "Butterflies Are Free," for the China Lake Players, and "The Sound of Music," for CLOTA. Phelps' family owns a little theater in Massachusetts where he received his early training in all aspects of the trade.

He also is a lover and collector of antiques. Phelps says his home is saturated with them. His wife, Glenda however, enjoys taking care of them. The piece of resistance in the TerHeun household is a Queen Anne console that dates to the mid-1700s.

Wanted Part-time Son

Phelps and his son, Jack (now living with his mother) were members of Y-Indian Guides in the Bay area, so he looked around the Indian Wells Valley for a boy he might take to the meetings.

"I found this young boy, Michael Blackshaw, who needed a father for the meetings, so I began to take him. Michael's mother turned out to be Glenda, who is now my wife," Phelps explained.

Glenda has two other children. They are Jennifer 5, and Brian 9. Phelps has one other child by his first marriage, Charlotte, 15, who also lives with her mother in San Francisco.

Tickets Available For Jr. Professional Party

NWC personnel interested in attending a summer party for junior professionals, summer employees and new employees can still do so by ordering tickets prior to the 4 p.m. deadline on Tuesday.

The party will be held on Wednesday, Aug. 28, from 7 p.m. to midnight on the lanai of the Commissioned Officers' Mess.

There will be live music for dancing, and the price of \$3 per person also will cover two hamburgers each and beer.

Tickets can be obtained by contacting Kathi Moe in Rm. 1315, Michelson Laboratory, phone NWC Ext. 3769.



CHRISTMAS CARD ORDERS BEING TAKEN — Mrs. Jean Hollingsworth (center), wife of Dr. G. L. Hollingsworth, NWC Technical Director, had a chance to preview the Christmas card catalogs that are now available for viewing at the Community Center. Selling these Christmas greeting cards is an annual project of the Roadrunner Auxiliary of the Children's Home Society of California, and all proceeds from the sale will benefit this private, non-profit adoption and counseling agency. Shown with Mrs. Hollingsworth are Virginia Sandberg (at left), president of the Roadrunner Auxiliary, and Betty Yon, chairman of the Christmas card sale. Local residents also can arrange for a personal showing of the Christmas card catalogs in their home by contacting a member of the local auxiliary of the Children's Home Society of California. Mrs. Sandberg's phone number is 446-5477, while Mrs. Yon can be contacted by calling 375-5639. —Photo by Ron Allen

The Rocketeer

Official Weekly Publication of the Naval Weapons Center, China Lake, California

RAdm. Rowland G. Freeman, III, NWC Commander

Dr. G. L. Hollingsworth, Technical Director

C. E. Han Hagan, Head, Technical Information Department



Don R. Yockey, Editor

Jack C. Lindsey, Associate Editor

Nancy Jones, Editorial Assistant

PH2 D. W. Yeatts, Ron Allen, Staff Photographers

DEADLINES: Tuesday, 4:30 p.m. Wednesday, 11:30 a.m. Friday 1st and 3rd ONLY (Sept. - May).

News Stories: Tuesday, 4:30 p.m. Photographs: Tuesday, 11:30 a.m. The Rocketeer receives American Forces Press Service material. All are official U. S. Navy photos unless otherwise identified. Printed weekly with appropriated funds by a commercial firm in compliance with Nav Exs P35, 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 Sunday



DIVINE SERVICES

PROTESTANT 1015 Sunday Worship Service 0900 Sunday School — All Ages 1130 Wednesday Noon Bible Study Sunday School Classes are held in Chapel Annexes 1, 2, 4 (Dorms 5, 6, 8) located opposite the Center Restaurant. Communion Service first Sunday of the month.

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

BLESSED SACRAMENT CHAPEL MASS Daily except Saturday 1135 1635 First Friday only 1135 1635

CONFESIONS Saturday 1545 to 1645 Sunday 0800 to 0825

CCD CLASSES Sunday Kindergarten thru 4th grades 1015 Wednesday Seventh and 8th Grades 1900 Above classes are held in Chapel Annexes across from Center Restaurant. As announced Ninth thru 12th grades "In Home" Discussion Groups Monthly Youth Rallies Contact Chaplain's Office for specifics.

JEWISH SERVICES EAST WING — ALL FAITH CHAPEL Friday 1st and 3rd ONLY (Sept. - May). Sabbath Services 2000 Saturday Sabbath School 0900

UNITARIANS CHAPEL ANNEX 95 Services — (Sept. - May) 1930



**SMITH WINS CLUB CHAMPIONSHIP** — John Faron (l. above), president of the China Lake Golf Club board of directors, presented the championship trophy to Max Smith last Sunday after Smith won the men's club title for the fourth time in the past five years. Last year's champion and vice-president of the golf club, Dick Clay, looks on at right. In the photo at left is Jess Moreno, the 14-year-old challenger who was defeated by Smith in the match play finals on Sunday. Moreno eliminated Clay from the semi-finals on Saturday.

## Smith Outplays Moreno for Golf Crown

By Jack Lindsey

Max Smith, who likes to describe himself as a "limber veteran," scored an easy victory over Jess Moreno, slim 14-year-old Burroughs High School sophomore, in Sunday's match play finals of the 1974 China Lake Men's Club golf championship. This is Smith's fourth title in five years.

Smith parred hole No. 15 to tie Moreno and win the title, four holes up with only three to go.

Playing superb golf most of the day, the former three-time champion (1970-71-72) continually got himself out of trouble with excellent approach shots or devastating putting. Just when it seemed young Moreno would win a hole, Smith would drop a long putt or throw his ball up next to the cup to take the wind out of Moreno's sails.

**Moreno Played Well**

Moreno played excellent golf, as well. At the time of his defeat on No. 15, he was only three over par for the round of golf. Smith, however, was even par after 15 holes. "I just couldn't get my putts to drop," Moreno pointed out. "If I had putted as well as I did on Saturday I could have made a match of it. He's a great champion, but I'll get him next year," he promised.

Smith showed what a competitor he is during both of his matches. On Saturday, Bob Moore, club champion in 1959, took the eventual title winner to hole No. 18 before he was defeated. "I was so exhausted after that match that I slept for three hours Saturday afternoon," Smith noted.

"I came to play," Moore said, and gambled on No. 14 by attempting to hit a wood out of tall grass. He nearly pulled the shot off and wound up with a bogey to tie Smith on the hole. The turning point of the match came on hole No. 16.

**Moore Hits Into Trouble**

Moore hit his tee shot into the wooded area known as Disneyland on the right side of No. 16 fairway. After much searching, the ball was discovered in the open, but surrounded on all sides by trees.

### Signups Set Saturday For NRA Pistol Match

Registration for a National Rifle Association approved pistol match will be held tomorrow at the Sierra Desert Gun Club, located on Sportsman Rd., beginning at 9 a.m.

The 1800-pt. pistol match will be held at the club's range on Sunday, starting at 1 p.m.

Those interested can obtain complete information by calling Merv Hoover at 446-6680.



**GOT HIM** — Bob Deatherage, a member of the Clovis Cowboys, world champion softball team, is nailed at home plate by Tom Mather (No. 26), Hideaway catcher, following a perfect throw from Hideaway centerfielder, Ralph Stalnaker. The great play came in the sixth inning of the first game, a doubleheader, won by Clovis, 1-0. Clovis pitcher, Herman Duninkerken, is seen at the left of the photo.



In The Catbird Seat

By Jack Lindsey

To no one's surprise, the Clovis Cowboys, world champion softball team from Clovis, Calif., took a doubleheader from the Hideaway team last week. Everyone present at the game expected the final results.

What wasn't expected, however, was the battle that the local softballers gave the world champions. Clovis barely won the first game, 1-0, and except for one devastating inning, in which they scored six runs (the second stanza), that included back-to-back homers by Bob Tombs and Bob Groth, the local squad played them nearly even in the second tilt, which Clovis won 8-3.

Herman Duninkerken, who is ranked third in world class softball pitching, struck out 15 Hideaway batters, including 10 in a row, to notch the victory in the first game.

The Hideaway pitchers, Tony Scanlon and Billy Brown, scattered seven hits and held the visitors to only one run, given up by Brown in the sixth inning. A second run in that inning was cut off on a throw from center field by Ralph Stalnaker to catcher Tom Mather.

Mather put the tag on Bob Deatherage to end the inning. Stalnaker's toss came from deep center and hit the plate waist high, a perfect strike.

Also during the first game, Mike Stoner, who was playing short stop for the Hideaway, cut down a Clovis runner attempting to take third when he made a diving stop of a ground ball and while still in the air, flipped the ball to his brother, Mark Stoner, at third for the out. The young short stop made another brilliant play in the first inning of the second game.

After hitting a triple, Mike Stoner stole home when the catcher flipped the ball back to Ralph Salazar, Clovis pitcher. With the ball midway between the home plate and the pitcher's mound, Stoner came charging down the base path and caught the second-ranked world class pitcher flat-footed.

The other two Hideaway runs in this second game came in the sixth inning. Mather and Gary Potteiger rapped singles, then both scored on a double by John Martin.

The Cowboys are presently competing in the world championship softball tourney at Sun City, Ariz. More than 1,100 local fans showed up at the exhibition game on Thursday (Aug. 15) to wish them well.

### Hunter Safety Course

A hunter safety course, co-sponsored by the Special Services Division's Youth Center and the Sierra Desert Gun Club, will be held on Sept. 7 and 14 at the Sierra Desert Gun Club's clubhouse, on Sportsman Rd.

Hours of the class are from noon to 4:30 each day.

This course will meet all eligibility requirements for a California hunting license. Additional instruction also will be given on the care of firearms, hunting various animals, and wilderness survival.

Registration forms are available at the Youth Center, and signups will close on Sept. 5. There is no fee for the course, however, participants will be asked to pay 50 cents to cover the cost of materials.



**ANOTHER FIRST RECORDED** — Nine employees who came to the Indian Wells Valley in 1944, and have remained to work at the Naval Weapons Center for the past three decades, were the recipients this past Tuesday of NWC's first 30-year service pins. The presentations were made by RAdm. R. G. Freeman III, NWC Commander, who is shown congratulating Anna K. McDuff, currently a management analyst in Central Staff's Management

Division. Mrs. McDuff, who reported to NOTS, Inyokern, as a Civil Service employee on July 11, 1944, has been here for the longest period of time. Others to receive 30-year NWC pins were (seated, from left) Quentin Dalton, Howard Auld, Theresa Gonzales, Leo Kielman, Zane Lancaster, Maria Kochman, Hazel Coleman and James DeSanto. Department heads (or their representatives) of the honored employees were present.

### Emergency Well Handled

## Prematurely-Born Infant Flown To Balboa Hospital for Care

Close cooperation between personnel of the Naval Weapons Center Dispensary, the Balboa Naval Hospital in San Diego and members of Helicopter Squadron 84, a Naval Reserve unit based at the Naval Auxiliary Landing Field, Imperial Beach, last Friday afternoon resulted in the quick transfer of a prematurely-born infant from the high desert to medical facilities better equipped to handle the tiny tot's needs in San Diego.

The newborn was named Theresa Elizabeth by her parents, Eugene Standfill, a jet mechanic airman, and his wife, Sharon, and weighed just 2 lb., 15½ oz., at birth.

Because previous tests and examinations had indicated the need for the premature delivery, it was done by means of a Caesarian section that was performed by



**HELICOPTER CREW** — A "well done" was sent to (from left) Lt. George Allen, Lt. Don Harm and Sonarman 1st Class W. L. Rilliet, Naval Reservists from Helicopter Squadron 84, for their part on the successful transfer of a prematurely born baby from the NWC Dispensary to the Balboa Naval Hospital in San Diego.

LCdr. Craig Woodward and Lt. Ron Hempling, doctors at the NWC Dispensary, assisted by LCdr. Lee Stefanisko and Ltjg. Joe Norrick, as anesthetists.

Ltjg. Norrick has now relieved LCdr. Stefanisko, who remained on at the NWC Dispensary for his final task before leaving for his next duty station on the Island of Guam.

After the tiny tot was delivered, Capt. Wayland Bennett, head of NWC's Medical Department, took over her care until the arrival via helicopter of an incubator and medical team from Balboa Hospital.

As the result of similar experience gained just a few weeks ago when another premature birth at the NWC Dispensary required a hurry-up call for assistance from San Diego, this time arrangements had been made earlier in the day for two doctors,

LCdr. David Schmottlack, MC, and Lt. Brian Sweeney, MC; a nurse, Ltjg. Dorothy Stands, NC, and a Navy Hospitalman, Mark Ammerman, to be enroute to China Lake via a helicopter before the operation to deliver the Standfills' child was started here.

Called into action for the flight from San Diego to China Lake and back was a chopper from Helicopter Squadron 84, a Naval Reserve unit, based at the Naval Auxiliary Landing Field, Imperial Beach. Members of the helicopter crew—all USNR-R personnel—were Lt. George Allen, Lt. Don Harm and Sonarman 1st Class W. L. Rilliet.

When the medical team from Balboa Hospital arrived at the Naval Air Facility with the incubator for the newly-born infant, waiting at the air field was a Navy ambulance that took the doctors to the Dispensary where tiny Theresa Standfill was placed in the incubator, taken back to the air field, and then airlifted to San Diego.

The whole operation went off without a hitch. On Monday, Dr. Bennett, the Center's senior medical officer, was able to report that "the baby is doing marvelously. It is no longer necessary to have oxygen piped into the incubator and she has started to gain weight." The mother is still a patient at the NWC Dispensary, and will be for some time, Dr. Bennett added.

A message of congratulations was forwarded to the helicopter crew members who handled the transportation end so well. Sent by the Fleet Air Control Services Facility in San Diego, it read: "Well done to Helicopter Squadron H-4 and especially to the crew of NW 406 for a timely and professional response."

## NWC's No-Lost-Time Accident Record Spoiled by Mishap

The Naval Weapons Center's all-time high safety record of 136 days without a lost-time accident took a nose-dive as the result of a mishap that occurred on July 19, it was reported this week by the Safety Department.

When the accident occurred, it wasn't known that it would result in time off work for the Public Works Department employee who suffered a knee injury—hence the delay until Monday of this week in changing the figures on the safety record sign at the corner of Blandly Ave. and Knox Rd.

The injured employee was hurt when the emergency brake on one truck released and the vehicle rolled backward pinning the man between it and another truck, a spokesman for the Safety Department reported.

## 'Customer Comment' Cards Adopted By Public Works Dept.

A new idea has been adopted by the Public Works Department to determine the feelings of customers about repair jobs performed by the department's craftsmen.

Called a "Customer Comments" card, its purpose is to provide Code 70 supervisors with a direct input on the service call system.

The cards, which are given to all departments, divisions, branches and housing occupants, are addressed directly to the head of the Public Works Departments.

A space is provided on the back of the card asking if the job was satisfactory, if cleanup was OK, was PW's response timely (within seven days), was the job a repeat trouble, and if it was, how long ago.

In addition, space is provided for comments or suggestions by the customer with the question, "How can we serve you better?"

Customers are encouraged to fill out the postage-free cards and mail them in.

### Bikes Must Have Seat

According to Section 21204 (a) of the California Vehicle Code, no person propelling a bicycle shall ride other than upon or astride a regular seat attached to the bicycle.



**NEWBORN TOT GETS FIRST FLIGHT** — A medical crew from the Balboa Naval Hospital in San Diego is shown late Friday afternoon moving a stretcher-borne incubator from an ambulance to a helicopter at the Naval Air Facility. Inside the incubator is tiny Theresa Standfill, who was born prematurely a short time earlier at the NWC Dispensary. The baby was flown to the Naval hospital in San Diego, which is better equipped than the local Dispensary to handle the needs of the 2 lb., 15½ oz. infant.

## NWC 30-Yr. Pins...

(Continued from Page 1)

The stories they can tell about the early days are both sad and humorous. DeSanto said that it was an adventure just going to and from work each day. "In the evenings when returning home I would notice the landscape would be changed. Huge ruts could be seen in the roads, and maybe a building would be up where none had been before. Things were happening at a fast and furious pace in those days," he recalled.

Dalton remembers his first look at Inyokern, where he had been assigned in November 1944. "I had a lot of trouble just getting here as transportation was nearly non-existent," he remembers.

"I finally hitched a ride with a mail truck after spending the night sleeping in the jail at the Marine Corps base in Mojave. As we came over the hill near the Walker Pass cut-off, the driver pointed and said, 'There's your new home.' 'Where?' I asked. 'Can't you see that hut down there? That's it,' he replied. I can remember looking again, still not seeing anything, and said, 'Oh, my God.'"

**Main Gate Was Something Else**

"My wife couldn't understand why I couldn't find her a place to live," said Kielman. "I can remember the main gate at Harvey Field, Inyokern, was a hut with a sailor and a gas lamp on a pole, run by a gas engine in back of the hut. I woke up that first morning about dawn and all I could see was the Mirror Mts. and thought, 'Where in the devil have they sent me?'" he added.

Auld's memories are sharp on the big fire that destroyed the ONCC building, and he lists the visit by President John F. Kennedy as an outstanding experience.

Mrs. McDuff's most vivid memory is of the big rain in 1946 that caused flash floods, which cut the valley off from transportation for a short time. The housing areas were completely inundated and created a huge lake out of the valley floor.

**Big Rain Storm Recalled.**

Lancaster recalled the "termination winds." He, too, admits that he didn't expect to stay for very long. Mrs. Coleman also remembers the big rain storm. She recalled the difficulty of getting out of the valley to visit friends in Los Angeles, and said she often went to Camp Burroughs to get away from it all.

Mrs. Gonzales recalled the pioneer spirit and friendliness of all who lived here. "Which is probably the biggest reason we all stayed," she commented.

Whatever the reason, the nine employees who spent 30 years each on this Center, working toward a common goal, raising their families, and being a part of this community, point to the major reason why the Naval Weapons Center has risen from a hut and an airstrip at Inyokern to one of the leading Navy laboratories in the nation.

—Photo by LCdr. Gordon Williamson

## PW Officer To Retire

## Key Accomplishments While At NWC Reviewed by Capt. Sturman

"The two achievements that I am proudest of during my three years at NWC as the Public Works Officer and Officer in Charge of Construction, are the establishment of a maintenance management program, and the new construction, both actualized and planned, for the Center," said Capt. W. H. Sturman, who will retire on Sept. 1.

The 29-year Navy veteran, who came to NWC in mid-1971, also pointed to the successful completion of nine noteworthy goals he established after assuming the post of PW Officer. Included in those goals were the winning of the SecNav Award for an en-



Capt. W. H. Sturman

vironmental protection program; new bachelor's enlisted quarters (now under construction); planning for a new research park complex north of Michelson Laboratory (A new laser lab, to be built in this complex in Fiscal Year '75 is now before Congress for approval.); the establishment of an equal opportunity program in Public Works; and the formation of some natural resources management programs.

"Although we haven't been totally successful in meeting all of our established goals, Public Works has been making progress on 100 per cent of them," the retiring Naval officer commented.

## Two Basic Duties Outlined

The Elida, N. Mex., native stated that a Public Works Officer really only has two basic duties—to acquire new facilities, and to take care of them. The first duty he accomplished at NWC was to initiate a new master plan for the Center. "All that really does, is say the barracks will go here, the scientific community will be located there, and the shopping district should be here," Capt. Sturman noted.

One of the first things facing the new PW Officer when he arrived at China Lake was the proposed construction of a new \$1 million Credit Union building. "It was being planned adjacent to the Administration Building. I asked that construction be held off until a master plan could be drawn up that would better indicate where it should be built. As a result, the new Credit Union building was finally built in its present location. The master plan doesn't say what is needed, only where it should be," he further explained.

## Top Accomplishment

Capt. Sturman calls his maintenance management program his key accomplishment at NWC. "Prior to my coming here, maintenance was initiated by a number of different departments. I thought that my department should handle all of the maintenance. So, by appointing various men in the department to handle key positions, and armed with knowledge, experience, standards from private industry, and taking in consideration the area and the use of the buildings, we would

perform personal, visual inspections to determine what maintenance was needed.

"We would then draw up a list of things that need doing, stating when it should be done, and present this list to individual department heads, and other managers. It took me three years to establish this program, but it is in and it's working," he beamed.

Another accomplishment that was one of Capt. Sturman's original goals is the formation of an emergency service work

A no-host farewell reception for Capt. and Mrs. Sturman will be held at the Commissioned Officers' Mess next Thursday, Aug. 29. A social hour will begin at 6:30 p.m.

Everyone is invited to attend. Reservations may be made by calling Dick Rusciolelli, NWC ext. 3379.

center, staffed by craftsmen from all of the various shops at Public Works. "The people here can respond to emergencies within one day, and should respond to other problems within one week," he pointed out.

The retiring Public Works Officer was very disappointed when he came to NWC and saw the old barracks still in use by enlisted men. "I labeled those barracks as sub-standard back in 1965 when I was on the staff of Naval Air Bases for the 11th Naval District," he recalled. "Now the men are getting new ones, and I know personally that they will like them," he added.

## BEQs To Be Motel-Style

The new BEQs (bachelor enlisted quarters) will be built motel-style, with separate entrances for each tenant, a far separate entrance for each tenant—a far shower. "Those gang showers were written right into the requirements in the old days," Capt. Sturman noted. "While I was with the Naval Facilities Engineering Command in 1956-66, I helped to get those requirements abolished. That paved the way for the adoption of a new style of enlisted living quarters.

"Armed with a sketch of a motel-type environment, I managed to get my plans approved. The new ones consist of four rooms, approximately 300 sq. ft., each, with a connecting bath and lounge. I am very happy that the new BEQs at China Lake are being built, and proud that I had something to do with it," he added.

Capt. Sturman began his naval career as an enlisted aerographer during World War II. He was discharged in 1945 and returned to his home state where he entered the New Mexico State University, at Las Cruces. He was awarded a bachelor's degree in civil engineering in 1948, the same year that he married Betty Butler, of Portales, N. Mex.

## Worked as Civil Engineer

Following his graduation, Capt. Sturman worked as a civil engineer for the Phillips Petroleum Co., in the Texas and Oklahoma oil fields, before returning to the Navy and being commissioned a lieutenant junior grade. That was March 1949.

A succession of various Officer-in-Charge posts with the Seabees followed, and he also served in Japan and Korea as a company commander of Amphibious Construction Battalion One.

In 1953, Capt. Sturman returned to school and earned his master's degree in civil engineering from the University of Illinois, at Urbana. An assignment under Admiral

## Tryouts Slated For Production by CLOTA

Tryouts for "Come Back Little Sheba," the next production of the China Lake Players, have been announced by Robbie Robbins, director.

Auditions will be held on Sept. 3, 4, and 5, beginning at 7:30 p.m., at the Players' hut, 405 McIntire St.

Hyman Rickover, with the Atomic Energy Commission, followed, and Capt. Sturman spent the next four years in that post.

Prior to coming to China Lake, Capt. Sturman served as Facilities Officer for the Office of Naval Research, and prior to that, he was with the Third Naval Construction Brigade, as the Saigon representative.

The Sturmans have made no firm commitments for retirement. "I am looking into a position as some sort of municipal manager, either city or county, and preferably in California," Capt. Sturman said. "You might say I am looking for a way of life for the next 15 years," he added.

"We have mixed emotions about leaving this area. We've made some very fine friends here and have enjoyed our life in the Indian Wells Valley," the Public Works Officer pointed out. "Our family is growing. Only John remains at home with us (he will be a junior in high school). Becky is living in Virginia and married, and Mike is enrolled as a junior at Sonoma State College, near San Francisco," Capt. Sturman added.

"The one thing we've done at China Lake that pleases us the most is our involvement in the Cactus Squares. We had only learned to square dance prior to coming here and feel we've come a long way since that time. We're going to miss it and the people," he said.

## United Way Agency Requests Scrutinized

Members of the United Way of Indian Wells Valley's Committee this week began their review of requests submitted by member agencies for support during the 1975 campaign.

Purpose of the review is to meet with representatives of each agency to discuss the goals, programs, progress, problems and finances of the organization.

So far this week, the United Way Budget Committee, headed by Doug Warschauer, has met the spokesmen for the IWV Association for the Retarded, the Desert Counseling Center and the IWV Child Campership Fund to learn about their needs for financial support during the upcoming fund drive.

Other members of the Budget Committee are Sharon Ballenger, Lucia Essig, Meme Ferris, Joe Flores, Gerald Miller and Bill Sutherland.

## Meetings Open to Public

The committee's meetings, which are being held at 11:30 a.m. at the Community Center, are open to the public, and all interested persons are invited to attend, Warschauer said.

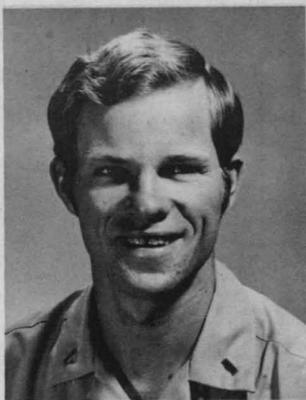
Upcoming next week on Tuesday, Wednesday and Thursday, respectively, are meetings to discuss the proposed budgets and needs of the IWV Homemakers Service, the Ridgecrest Community Hospital's Indigent Patient Fund and One-to-One.

The schedule for other such meetings is as follows: Sept. 4, Help Line; Sept. 5, Boy Scouts; Sept. 10, Campfire Girls; Sept. 11, China Lake Mountain Rescue Group; Sept. 12, Red Cross; Sept. 18, Girl Scouts; Sept. 19, Children's Home Society; Sept. 24, Children's Hospital of Los Angeles; Sept. 26, Legal Aid; Oct. 2, Salvation Army; and Oct. 3, Reality, Traveler's Aid and USO.

## Prelude to Campaign

Each year at this time, as a prelude to launching of the United Way's portion of the Combined Federal Campaign, members of the IWV United Way's board of directors look at the needs of the community, the aims and performances of the agencies which serve these needs, and the amount of money needed to support the agencies' programs.

Community problems are examined by the Human Services Committee, led by the Rev. Cal Torrance, minister of the United Methodist Church in Ridgecrest. This group continually looks at the extent of such problems as juvenile alcoholism, training of the retarded, care of the elderly and similar



**NEW NAVIGATION OFFICER** — Ens. Craig J. Lokkins reported aboard the Center recently to assume the duties of navigation officer for the Air Test and Evaluation Squadron Five (VX-5). The assignment is a temporary one until November when Ens. Lokkins will attend flight school at NAS Pensacola, Fla. A bachelor, Ens. Lokkins was commissioned on June 15 following his graduation from the Naval Reserve Officer Training Corps program at UCLA, where he received a bachelor of science degree in water resources engineering. A Los Angeles area native, he was graduated from Granada Hills High School. Ens. Lokkins lists his hobbies as bicycling and backpacking.

## United Way Agency Requests Scrutinized

This committee also is concerned with unmet needs. As a result, two prospective United Way agencies—Legal Aid and We Care (a group of volunteers whose purpose it is to help alleviate a variety of basic problems)—have been organized.

While the Human Services Committee attempts to determine what the needs of the community are, the Budget Committee meets with member agency representatives to see that goals and programs are in proper balance, and that adequate financing can be maintained.

## SAFETY SEZ:

When backing, get cracking, start thinking.



**30 YEARS' SERVICE** — Larry Mason, an inspector in the Supply Department's Material Division, was the recent recipient of a 30-year Federal service pin that was presented by Capt. F. E. McDonald, NWC Director of Supply. Mason, who has been employed here in the Supply Department for the past 18½ years, came to the desert from Oahu in the Hawaiian Islands, where he began his Civil Service career in 1944. He was supervisor of the Shop Stores Branch at Barber's Point when he left the "Paradise of the Pacific" in January 1956.

## Business Hours Of All Navy Exchange Facilities Listed

Because of numerous changes in the hours of operation at facilities operated by the Navy Exchange, Lt. E. N. Smith, Navy Exchange officer, has submitted the following report.

The Navy Exchange Retail Store is now open for business on Monday, Wednesday and Friday, from 10:30 a.m. to 5:30 p.m.; on Wednesdays, from 9 a.m. to 5:30 p.m., and on Thursdays, from 10 a.m. to 7 p.m.

At the Navy Exchange Annex, business is conducted on Monday, Tuesday and Friday, from 10:30 a.m. to 5:30 p.m.; on Wednesday, from 9 a.m. to 5:30 p.m., and on Thursday, from 10 a.m. to 7 p.m.

Hours of operation at the Navy Exchange Service Station are 9 a.m. to 5 p.m., Monday through Friday, and from 9 a.m. to 2 p.m. on Saturday.

Three snack bars also are operated by the Navy Exchange. Their business hours are:

At the Naval Air Facility, Monday through Friday from 7:30 a.m. to 3 p.m.

At Bennington Plaza, Monday through Friday from 10 a.m. to 2 p.m.

At the bowling alley, Monday, Wednesday and Friday, from 10 a.m. to 11 p.m.; Tuesday and Thursday, from 9 a.m. to 11 p.m.; on Saturdays, from 11 a.m. to 1 p.m., and on Sundays and holidays, from 11 a.m. to 10 p.m.

## Command Approves Fees for Bowling, Skeet Range Use

New fees for open bowling and the use of the skeet and trap range were recommended at the July 23 meeting of the NWC Recreation Council and have subsequently been approved by Command.

As of last Monday, the fee for military, retired military, and their dependents, as well as junior bowlers engaged in open bowling, has been increased by 5 cents to 45 cents per line.

Civilians must pay 55 cents per line. The fee schedule for open bowling does not apply to mixed military, military dependent, or civilian leagues.

At the skeet and trap range, a fee of \$1 will be charged for one round of shooting (25 birds). All members of the IWV Skeet and Trap Club who are actively engaged in the operation and maintenance of the range are entitled to a 40 per cent reduction in this fee.

In regard to swimming in the indoor gymnasium pool. Military personnel on active duty are allowed to swim free of charge.

## Parking No Longer Permitted on West Side of Gymnasium

Parking of both automobiles and bicycles on the west side of the Center gymnasium is no longer permitted, according to information received this week from Wilt Wyman, director of athletics.

Because persons entering the locker room via the doors on the west side of the gym have been responsible for tracking in debris—some of which eventually finds its way into the swimming pool—and also because of vandalism and thievery in the locker room, future entry to the gym is being restricted to the door adjacent to the office at the northeast corner of the gym.

Ample parking for both motor vehicles and bicycles is provided along the north and northeast sides of the gym, and the above change in the flow of foot traffic into the gym is being inaugurated as a means of helping reduce the expense of locker room cleaning and supervision, Wyman explained.

The NWC director of athletics requested the cooperation of all gym users to help alleviate the problems outlined above.



**SIX GARNER PATENT AWARDS** — Robert M. Hillyer (standing at right), head of the Fuze Department, recently presented patent awards to six present and former employees of Code 33. The recipients were (seated, l.-r.) John Freeland, Bob Hintz and Gary Lowe and (standing, l.-r.) Dr. Willard (Bill) Webster, Wallis "Buzz" Teeter and Ken Labaw. One other patent award winner, Ray Magorian, was unable to be present for the photo. In every case except one, the men received initial patent awards of \$50 each. Freeland (now in Code 5531) received an award for his invention of a "Circumferential Waveguide Termination," which provides a means dissipating electromagnetic power at one end of a waveguide so that a minimum amount of power is reflected back. A "Gas Laser Starting" device was the contribution of Hintz (now in Code 6041). It provides a reliable technique for turning on discharge banks of a laser system. Labaw received an award for his "Digitizer," which is an inexpensive device that converts chart, drawing and similar information into digital form for storage in a computer memory. He also shared another initial patent award with Lowe and Dr. Webster (now head of Code 5525) for developing a special fuze. A "Dual-Gate TDD" was devised by Magorian, while Teeter received an additional award of \$100 for his invention entitled "Raindrop Image Recording Analyzer System." It measures the density, size, shape and distribution of rain, snow, hail and sleet in the atmosphere.

## HAPPENINGS AROUND NWC

The Good Times Music Band will play a dance engagement at the Jolly Roger tonight, beginning at 9 o'clock. All members and their guests are invited to attend.

Prior to the dance, Walt Schimke, manager of the Chaparral Club and the Jolly Roger, suggests that patrons take in the Spanish Night at the Chaparral's restaurant. With each dinner, Schimke is giving away a free Marguerita drink.

## Bandits, Smoothies Win

The Bandits took six points last Tuesday night in the China Lake Intramural Golf League's National Division, to win the title by a scant half-point over the Short Knockers, who also racked up six points on the final evening.

The two teams will meet again on Tuesday to determine who will go against the winner of the American Division playoff for the league crown.

The Smoothies, winners of the American Division, will play the Vampires—also on Tuesday. The final games then will be played on Tuesday, Sept. 3.

Tee off times are 5 p.m. for the National Division and 5:08 for the American. The semi-final play is scheduled on the front side.

## Junior Bowling Signups

Signups for the fall junior bowling leagues will be held tomorrow, and again on Saturday, Aug. 31, at the Hall Memorial Lanes, from 1 to 2 p.m., both days. Registration fees are \$1.25 and must be paid at the time of registration. League bowling will begin on Sept. 14.

## Drifters Due at COM

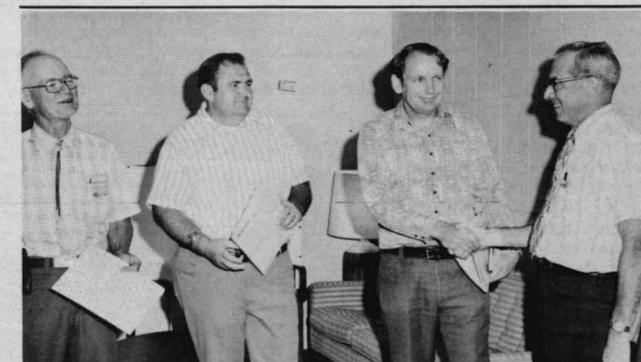
The Drifters, featuring Bobby Day of "Rockin' Robin" fame, will perform at the Commissioned Officers' Mess on Saturday, Sept. 7.

The well-known group has scheduled two

floor shows — one at 9:30 p.m., and the other at 11:30 p.m. Price of admission for those members of the COM who want to partake of the buffet, which begins at 6 p.m. in the dining room, and stay for the dance and floor shows, is \$8 per person.

An admission price of \$4 per person will be charged all others. This will entitle them to enjoy the floor shows and dance.

Tickets are limited, so interested persons are asked to purchase them as soon as possible.



**PATENTS AWARDED IN RESEARCH DEPT.** — Dr. Gilbert J. Plain (at right), NWC's Education Director and a consultant in the Research Department, recently presented patent awards to a trio of Code 60 employees (l.-r.) Dr. William S. McEwan, Herbert P. Richter and James L. Jernigan. Dr. McEwan, head of the Chemistry Division, shared a \$100 award with Charles M. Drew, a research chemist who has retired and wasn't present for photo. The two men developed a method for measuring liquid particle distribution from fogs, clouds and sprays. Another \$100 award was divided by Richter, a chemist in Code 6059, with Ruth E. Tedrick, a physical science technician (retired and not present for photo). They were granted a patent for their chemiluminescent device. Jernigan, a physicist in the Research Department's Physics Division, received a \$100 award for a patent entitled "Inverted Time Impulsed Bragg Angle Matched Filter." This patent is for a matched filter system which uses the Bragg Law to achieve light modulation.

## Owens Variety Team Wins Invitational Softball Tournament

The Owens Variety team, from Victorville, defeated the JD's Dust Devils, of Ridgecrest, 12-1, to win the crown in the 1st annual China Lake Women's Invitational Softball tournament last Sunday.

Only five teams were entered in the competition this year, but the tournament's sponsors—the IWV Softball Association, Ridgecrest Recreation Department, and NWC's Special Services Division—promised a larger field next year.

"Now that the tournament is established, I'm sure that we'll get a better response next year," said Wilt Wyman, NWC's supervisor of athletics and youth programs.

The Owens Variety team made the finals by defeating the Dust Devils on Saturday, 14-0; Union Carbide, from Bishop, 15-9, Saturday; and the Ridgecrest Roadrunners, 13-0, Friday night.

The Dust Devils, playing in the losers' bracket because of the earlier loss to Owens Variety, had handed Comarco, also of Ridgecrest, a 16-7 pasting, and the Union Carbide team a 12-1 shellacking.

Outstanding hitter of the tournament was Barbara Brown, center fielder for the Owens Variety nine. She batted a torrid .666, getting six hits for nine at bats. In addition, she scored three runs and batted in six more.

The most outstanding play of the tourney came in the opening game. Tricia Green, the pitcher for Owens Variety, caught a fly ball off the bat of Peggy Houser and doubled up Del Montano at first base. Mel Edwards, the Owens' team first baseman, promptly threw the ball to Lydia Gonzalez, at third base, catching Gay Willet off base for a triple play that ended a third inning rally by the Roadrunners.

## Early Retirement Deadline Is Aug. 30

This is to remind anyone who is considering retiring under the special early optional retirement program that the deadline for applying for this type of retirement is next Friday, Aug. 30.

Employees meeting the following requirements are eligible to retire under this authorization:

Attainment of age 50 and completion of 20 years of creditable service (including five years of civilian service); or (b) regardless of age, completion of 25 years of creditable service (including five years of civilian service).

Interested employees should contact their Personnel Management Representative for further information.