

Virginia Keyte Returns Home From Pageant

Virginia Lee Keyte, Miss Ridgecrest-China Lake, spent last Thursday through Saturday in Santa Cruz where she participated in the Miss California Pageant.

Miss Keyte performed an interpretive modern dance for the talent portion of the pageant, a competition won by her roommate in Santa Cruz, Lillian Dianne Wagner, Miss San Mateo. Miss Wagner went on to win the swimsuit competition and to be crowned Miss California, the second straight year a Miss San Mateo has won this honor.

"I can't think of anyone else that I would have rather seen win," Miss Keyte said. "I'm very happy for her!"

Miss Keyte will attend college in Idaho this fall where she plans to major in physical education. Upon completion of her college career, she plans to become a teacher.



PAGEANT REHEARSAL REST—Miss Ridgecrest-China Lake, Virginia Lee Keyte, takes a well deserved rest during rehearsals for the Miss California Pageant, held in Santa Cruz, Calif., last week. Miss Keyte was the roommate of the new Miss California, Lillian Dianne Wagner, who represented San Mateo County.



NEW NAF CHAPLAIN—LT. Fred R. Zobel will report to NWC during the latter part of July to assume the duties of Chaplain at the Naval Air Facility, replacing Chaplain E. C. Middleton, who has been reassigned effective July 1, to the USS Denver, homeported in San Diego. Chaplain Zobel just completed a tour of duty with MCB-5 in Southeast Asia, Guam and the Philippine Is. He graduated from Troy State University, Troy, Ala., with a BS degree in psychology and then attended Emory University, Atlanta, Ga., where he received his Bachelor of Divinity degree. During his college days, Chaplain Zobel served as a pastor at Bellview Methodist Church, Pensacola, Fla. (his home town), Glenwood Methodist Church, Glenwood, Ala., and White Oak Rocky Mount Charge, Bakerhill, Ala. His wife, Mary, and three children will accompany him here.

Employee...
Continued from page 7 recalled. After Ray got back down again, the director congratulated him for the demonstration. "Great, Ray," he said, "I'm glad you didn't make it look too easy." Ray nearly died laughing. "I learned one thing on that picture, though," Ray commented. "There was a scene where Glenn Ford and Valli were cuddled up in front of a fire and I told the director he was wrong in having a fire at that altitude. "You should have had the fire at a lower altitude and use gasoline stoves at this altitude," I told him. "Ray," he answered, "There is nothing romantic about a gasoline stove."

Vacationers Advised of Safety Precautions Necessary During Summertime Trips

Summer vacation time brings with it a kind of wanderlust that prompts many NWC employees and their families to head for the great outdoors in scenic areas that, despite their outward appearance of tranquility, also may offer a variety of hazards for those unwary enough to overlook the need for taking normal safety precautions.

Safety on the job, something upon which considerable stress is placed at the Naval Weapons Center, ideally should carry over into the home and on weekend or vacation trips as well. Safety Department officials point out.

This same view is held by National Park Service authorities who have a continuing on-going program aimed at insuring there is a safe environment for visitors to the national parks.

Despite this effort, there has been a rising accident rate at the national parks which is linked by George B. Hartzog, Jr., director of the National Park Service, to the nation's increasingly affluent, mobile and urbanized society whose members don't realize when touring national parks that they are in an environment dangerously different from the city.

Motor vehicle accidents are the main cause of injury to national park visitors—accounting for about 15 per cent of all such mishaps. For those traveling by car, the National Parks Service advises: "Ease up on the gas pedal. Park roads are for leisurely driving only. Stop at overlooks and turnouts when the driver and passengers wish to see the scenic views. They are much safer than out-of-the-way scenic spots."

Drivers in national parks should be alert for natural hazards such

as loose rocks, debris slides, snow and ice. Using headlights during daytime travel, as well as at night, is suggested in order to make sure that other motorists see your vehicle better and sooner.

The second major cause of visitor deaths in national parks is drowning, most of which occur in unguarded areas where the unwary swimmer has little knowledge of the hazards.

In view of this, NPS officials recommend against swimming in unknown waters and those that are not supervised by lifeguards. In addition, parents are reminded to give close supervision to their children and know where they are at all times. Never swim alone is another hard and fast safety rule stressed by national park authorities.

More than half of all injuries requiring medical attention at national parks are due to falls, which account for 10 per cent of all visitor fatalities. Inexperienced or novice mountain climbers who tackle dangerous slopes with inadequate equipment and training are prone to this type of accident, it was noted.

Those planning a hiking or climbing expedition are advised to check with park headquarters or a ranger if their trip will take them away from the populated areas of the national park. Those engaging in such activities also are reminded to be sure of their physical condition and avoid overexertion.

While the number of persons injured or killed during visits to national parks is comparatively small, considering the millions who enjoy such activities each year, steps are being taken to improve the safety record.

These include redesigning and enlarging of observation paths near hot springs and the addition of guard rails in some areas. Also, warning signs are being changed to educate visitors to the scope of the dangers in a naturally maintained wilderness environment. Instead of signs which now read "Stay on the path," the new signs will carry such warnings as "Thermal burns can be fatal—stay on the path."

As a final word of advice, National Park Service officials point out that all park animals are wild and potentially dangerous. For this reason, park regulations prohibit feeding or molesting animals.

Get acquainted with conditions in the park you are visiting by contacting a ranger—especially if it is your first visit, the National Park Service advises. Full information about a specific park can be obtained by writing ahead to the park headquarters office or by a personal inquiry after reaching the park.



From _____ PLACE STAMP HERE
TO _____

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
(PG) - PARENTAL GUIDANCE SUGGESTED
(R) - RESTRICTED
Under 17 requires accompanying Parent or Adult Guardian

FRI. 30 June

"THEY CALL ME TRINITY"
Terence Hill, Bud Spencer
(Western-Comedy) Riproaring, hilarious story has Terence plodding into a small town where brother Bud has just convinced folks into installing him as sheriff. The two even convince the Mormons to fight the bad guys. A bundle of fun! (G)

"TENNIS RACQUET" (7 Min.) 1 July

MATINEE

"SWORD OF LANCELOT" (115 Min.)
Cornel Wilde

"SOUP'S ON" (7 Min.)

EVENING

"ZEPHYRUS" (101 Min.)

Elko Sommer, Michael York
(War Adventure) Sent to spy on his friend, the German professor who had invented a huge dirigible, ended up flying it on a secret enemy mission. Unusual story of the former LTA "battle weapon". (G)

"FAST & FURRYOUS" (7 Min.)

SUN. & MON. 2-3 July

"MARY, QUEEN OF SCOTS" (129 Min.)
Vanessa Redgrave, Patrick McGoohan
(Historical Drama) Cunning plot and lively intrigue highlight an epic tale of the fight between Mary Stuart of Scotland and Elizabeth I for the English throne. They dare not trust each other, in love or war! (PG)

NO SHORT SUBJECTS

TUES. & WED. 4-5 July

"X, Y & ZEE" (108 Min.)
Elizabeth Taylor, Michael Caine, Susannah York

(Drama) Acid dialogue erupts similar to "Virginia Wolf?" as Taylor, the wife fights to hold Caine, her husband, over the wiles of his mistress, York. It's a grotesque triangle sizzling with the sharp edge of truth. (R)

"PINK PLOT" (7 Min.)

THURS. & FRI. 6-7 July

"THE LITTLE ARK" (101 Min.)
Theodore Bikel, Phillip Frame

(Adventure) A thunderous hurricane floods the Dutch dikes stranding two youngsters who set out on a marooned houseboat to find their foster father. Their meeting with a fishing boat skipper sets off the fun. (G)

"SYMPHONY HOUR" (7 Min.)

Youth Center Movies

The Youth Center-sponsored movies for next week are as follows:

Tuesday, July 4—No movie.

Wednesday, July 5—"Hello Down There Little Dog Lost," and "Candy."

Thursday, July 6—"Make Mine Music," and "Hang Your Hat on the Wind."

Admission is free to Youth Center members whose dues are paid on a yearly basis that expire after 1 September. Admission is 25 cents to all others. Passes are not required.

The movies start at 1 p.m. in the Center Theater and end at 3:30 and 3 p.m. respectively.

Course on Crisis Techniques Set By Help Line

A four-week course in crisis intervention techniques offered by Help Line, will get under way on Wednesday, July 5.

The classes, which are open to all interested persons of high school age or older, will be held on Monday and Wednesday evenings from 7:45 to 9:45 through July 31.



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Dish Antenna Best For UHF Reception

(Editor's note: This, the second and final installment of an article about TV reception in Indian Wells Valley, concentrates on information about UHF television. It was prepared by Jim Rieger, an electrical engineer in the Telemetry Branch of the Engineering Department's Product Design Division, who acts as advisor on television to the China Lake Community Council.)

UHF television channels are those numbered 14 to 83. They have frequencies well above the VHF channels (2 through 13) and usually can be tuned in by setting the regular TV channel selector between channels 13 and 2 and turning a knob that lights up somewhere nearby.

At the present time, the only UHF channels that can be received at most locations in Indian Wells Valley is Channel 55, which is carrying programs from TV Channel 28 in Los Angeles (KCET). None of the programs that it is possible to watch on Channel 55 can be received on any other TV channels now being brought into the Valley. "Sesame Street" and "The Great American Dream" are two of the programs carried by Channel 55 that are available to local viewers with the proper equipment.

Future plans also call for adding Channel 23 (KERO) from Bakersfield to the UHF dial here, and perhaps a few others.

In order to receive UHF television signals, two things are required. They are a TV set with a UHF tuner and an antenna. Television receivers manufactured prior to 1964 were not required to have UHF capability, and many of them didn't. In this case, a set-top converter can be obtained from most TV dealers. This converter picks up the input from the UHF antenna and converts the frequency to Channel 6, which is then received by the set in normal fashion.

Converters of this type are labeled "local," meaning not having an amplifier, or "fringe," having an amplifier. For most locations in Indian Wells Valley, the fringe type is required for good reception because the conversion process actually causes some loss of signal level.

UHF antennas are generally smaller than VHF antennas, and come in a far greater variety of styles. The simplest is the loop antenna which is made of wire about as thick as coathanger wire and forms a circle about 9 in. in diameter. It is attached to the back of the TV set. The loop is the UHF equivalent of rabbit ears, and works every bit as poorly.

By far the most common type of roof antenna for UHF is the bowtie—so called because it looks like a metal screen with a row of bow ties protruding from it. The more bows there are, the more powerful the antenna is, and arrays of up to 16 are available.

Another type of UHF antenna is the yagi, which looks much like a regular VHF antenna, only not as wide. The longer it is, the better for reception.

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NEGOTIATIONS COMPLETED—Principals involved in recent labor negotiations between the Naval Weapons Center and the Indian Wells Valley Metal Trades Council gather for the signing of the new contract. Looking on as Rear Adm. W. J. Moran, NWC Commander, affixes his signature to the new two year contract, are Joe Lechner (seated, left), president of the Council, and J. J. "Buddy" Deffes, (seated, right), chief spokesman for the Naval Weapons Center during negotiations. Standing are, l-r: Capt. T. R. Hendershot, Deputy Director of Supply, who represented management, Glen Zeller, president of the Sheet Metal Workers International, Dan D'Anza, head of the Employee Management Relations Division, NWC Personnel Department, Frank Young, president of the International Brotherhood of Electrical Workers in the local area, Ray Harrison, head of the Personnel Department, Ernie Loscar, local branch president of the International Brotherhood of Carpenters and Joiners of America, and Harry Thacker, who is the local president of the International Association of Machinists and Aerospace Workers. —Photo by PH3 D. W. Yeatts

Contract Officer States Watering Of Sanded Roads Defeats Purpose

Tenants in the Site A and Site B Capeharts, and in Wherry Housing, are asked not to water the newly-sanded roads to keep down the dust.

"Watering the roads defeats the purpose for which the roads were sanded," said Ens. L. S. Murphy, NWC Contracting Officer. "The oil will leak through the road surface, and the dirty sand has been applied to the top to absorb this oil. This sand needs to be on the surface from two to three weeks to soak into the surface and prevent further seepage," he added.

When the sand is wet, it will not absorb the oil, Ens. Murphy stated. Evaporative Coolers

In other business, Ens. Murphy discussed the replacement of evaporative coolers in the Le-Tourneau housing. "We would appreciate the cooperation of tenants during this period," he stated. "Water and

Rear Adm. Moran Receives Promotion

Secretary of Defense Melvin J. Laird announced on June 29 that Rear Adm. William J. Moran NWC Commander, has been selected for promotion to Vice Admiral and assignment as Director of Research, Development, Test and Evaluation for the Navy.

Rear Adm. Moran will relieve Vice Adm. Ralph Weymouth. No announcement was made concerning the effective date, nor was any information given about a replacement for Rear Adm. Moran at China Lake.

electrical services will be discontinued at each individual home as the replacement is being done," he offered, "and the tenants will be inconvenienced for only a short time," he added.

Tenants will be notified approximately 24 hours in advance by the contractor, Dale Stevens Co., of Lancaster.

No schedule is presently available, however, tenants should see a schedule as to houses affected at a later date.

Room Additions

A contract has been awarded for construction of an addition to certain Old Duplexes. Tenants whose back porches are being enclosed are asked not to use the new porch area until final acceptance has been made by the Public Works Contracts Division. The tenant will be notified as to this acceptance.

(Continued on Page 3)



DISTINGUISHED VISITOR—Mrs. Dorothy Michelson Livingston (at left), youngest daughter of Dr. Albert A. Michelson, the renowned scientist for whom Michelson Laboratory was named, has been here for the past 1 1/2 weeks clearing up information she has been gathering in preparation for publishing a personal biography about her famous father. She was accompanied by Winnifred McCulloch, who is helping Mrs. Livingston with the task of editing the book about Professor Michelson. The two visitors are shown during a meeting with C. E. Van Hagan (at right), head of the Technical Information Department at NWC, and D. T. McAllister, a consultant in TID, whose duties include those of curator of the Michelson Museum here at China Lake.

Ridgecrest CofC Slates July 4th Barbecue, Dance

The Ridgecrest Chamber of Commerce is sponsoring a community barbecue and dance July 4 to be held from 5 to 8 p.m. on the Desert Empire Fairgrounds. Tickets can be purchased at the Chamber office in the City Hall or from local merchants at \$3 for adults and \$1.50 for children under 12.

The July 4 pyrotechnic display will start at 8:30 p.m. from Mirror Lake. The beautiful and spectacular special fireworks display will be handled by the California Fireworks Display Company of Rialto, Calif., sole pyrotechnist to Disneyland.

The display will begin with aerial salutes and climax with a magnificent display of fantasy.

The project is under the auspices of Special Services Division. The gala show will be visible from all areas, therefore an open gate policy will not be in effect.

Western dance band entertainment at the fairgrounds will follow the fireworks display. There will be no charge. This old-fashioned family event is for the benefit of the entire Indian Wells Valley community.



GEN'L BROOKS' VISIT—Col. E. D. Smith, Marine Corps Liaison Officer (at left), is shown greeting Brigadier General D. H. Brooks, Deputy Chief of Staff of the Marine Corps Research Development and Studies Headquarters, as he arrived at NAF last Thursday (June 22) for a two-day visit to NWC. Information on various ongoing programs, including fire control systems and laser and infrared developments, was presented to General Brooks while he was here.

Library Lists New Books

LIBRARY HOURS:
MONDAY - FRIDAY: 2-9 p.m.
SATURDAY: 10 a.m. - 4 p.m.
Readers are reminded that all employees, regardless of residence are eligible and most welcome to use the Center Library.

FICTION
Barrett—Shape of Illusion.
Boule—Planet of the Apes.
Christie—Murder Go Round.
Cookson—Feathers in the Fire.
Edelman—Disraeli in Love.
Forbes—Palermo Affair.
Haining—Witchcraft Reader.
Household—Three Seminals.
Kirst—Hero in the Tower.
Mishima—Forbidden Colors.
Reeman—Rendezvous.
Temple—The Drip Dried Tourist.
Walling—No One Goes There Now.
Weiss—No Number Is Greater Than One.

NON-FICTION
Beebe—Highball.
Brooks—The V.D. Story.
Carter—My Years With Edgar Cayce.
Encyclopedia of Sailing.
Graham—Dove.
Haley—How to Teach Group Riding.
Harkness—Official Chess Handbook.
Horne—Fashion Crochet.
Kahn—The Boys of Summer.
McLuhan—Touch the Earth.
Masterman—Double-Cross System in War of 1939-1945.
National Geographic—Great Religions of the World.
Olson—Girls in the Office.
Purdum—Black Company.
Schuler—Raising Puppies for Pleasure and Profit.
Stearn—Miracle Workers.
Stout—No-Work Garden Book.
Sunset—Breakfasts and Brunches.
This Fabulous Century.

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 172 should be submitted bringing your work history up to date if one has not been submitted within the last 4 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 will be made without discrimination for any nonmerit reason.

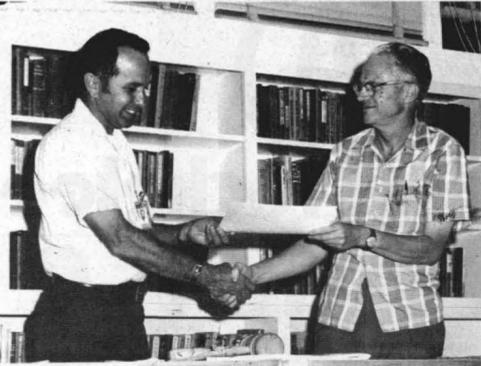
Ordnance Learner, WG-4511-4, JD No. 287-5, Code 572 (Vacancy)—Learns the ordnance trade by "on the job" training while assisting ordnanceman or Test Mechanic (EOE) in performance of their duties which consist of assembly, disassembly, modification, adjustment, repair and operation of specialized ordnance equipment used in the experimental testing of rockets, guided missiles, projectiles, and high explosive items as applied to track testing. Minimum Qualification Requirements: Rating will be in accordance with the appropriate J-Element Standard. Advancement Potential: Journeyman level positions.

Electronics Mechanic Helper, WG-2614-5, JD No. 145-4, Code 5534—Assists journeyman or technician in fabrication, modification, repair, test and calibration of electronic equipment. Occasionally required to wind and encapsulate coils, transformers and resistors. Minimum Qualification Requirements: In accordance with J-Element standards. Job Relevant Criteria: Familiarity with, and ability to learn, the use of handtools, soldering irons, micro-meters, and electronic instruments. Advancement Potential: Trainee position leading to Etched Circuit Maker, WG-8.

Electronics Mechanic, WG-2614-11, JD No. 185-15, Code 5534—Constructs, modifies, tests, and repairs electronic devices used in the testing and development of guided missiles and associated equipment. Minimum Qualification Requirements: Based on appropriate J-Element Standards. File supplemental rating forms for the above positions with Don Corticchio, Code 457, Ph. 2371.

Electronics Technician, GS-854-7, 9, 11, 13, PD No. 7240122, Code 4825—This position is located in the Bulldog Program Office, Infrared Systems Division, Weapons Development Department. The incumbent is responsible for providing support in the design and development of the Bulldog Weapon System and associated support and test equipment. Incumbent constructs and packages electronic equipment such as avionics organizational test sets and missile organizational test sets. Formulates the mechanical and electrical layout of test sets to meet the conditions encountered in operational environment. Develops circuit board layouts,

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SERVICE RECOGNIZED—In appreciation for his five years of service as a member of the China Lake Elementary School District's board of trustees, Rod McClung (at right) was the recipient of a certificate that was presented to him last week by Bill Porter, school board president. McClung has served one year of his second four-year term as a school trustee, and has three more years to go. He is employed as head of the Electronic Systems Department's Electro-Optical Division. —Photo by PHID. C. Manderscheid

JULY FOURTH HOLIDAY HOURS

Facility	Open Hours	Closed
ESB Barber Shop		X
Beauty Shop		X
Child Care Center		X
Laundry		X
Pharmacy		X
Service Station		X
ESB Food Services		
Station Restaurant	0630-1330	
Michelson Lab. Cafeteria		X
CLPL Cafeteria		X
Shopping Bag	1000-1900	
Camping Equipment Issue Room		X
Ceramic Hobby Shop		X
Community Center		X
Electronic Hobby Shop		X
Woodworking Hobby Shop		X
Auto Hobby Shop	1200-1700	
Golf Course	0730-Sunset	
Gym-Pool	1300-1700	
Hall Memorial Lanes	1100-2300	
Library	1300-1800	
Youth Center	1000-1700	
Center Theater	Regular Hours	

Employee In The Spotlight

"Hi, I'm Ray Van Aken." With these words, the head of the Aeromechanics Division, Weapons Development Department, is immortalized forever on television's Late-Late Show.

Back in 1951 Ray was hired as a mountain climbing extra by Warner Brothers for the movie, "Three Secrets," and the phrase came when TV newscaster Bill Welch stuck a microphone in front of him and asked who he was. "I had about three lines in the picture," Ray said. "The director decided to use real mountain climbers instead of actors, and I had built up a slight reputation in the business while working on another movie," he elaborated.

That was the film, "White Tower," starring Glenn Ford and Valli. Ray worked as a technical advisor on the mountain climbing sequences. "It was a lot of fun," he recalled, "and the pay was enormous." Ray explained that he was earning 65 cents an hour correcting papers and welcomed the additional money from the movie industry. At the time, Ray was working on his Masters Degree from the University of Southern California, which was awarded to him in 1951.

An avid mountain climber, it was the pursuit of this hobby that led to Ray's taking a position at China Lake. "When I was returning from a mountain climbing expedition I would see the lights down in this valley from Highway 395 and thought, 'If I lived here, I would be home now.'"

So, in June, 1951, Ray joined the staff of the Physics Division in the Research Department as an aeronautical engineer.

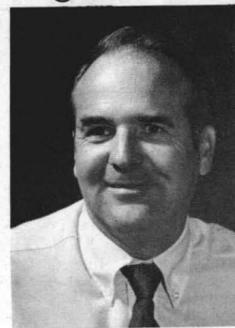
In January, 1952, Ray transferred to the Ballistics Division, of the Research Department. "That was quite a division," he said. "Dr. Ivar Highborg was head of the division, and LeRoy Riggs and Frank Knemeyer were both employed in it."

In 1958, the division became part of the Weapons Development Department when it merged with the Aeromechanics Division, headed by Lee Jagiello. Ray made the move, still as an aeronautical engineer. In 1961, he was named head of the Aerothermal Dynamics Branch and in 1965 became the Associate Division Head of the Aeromechanics Division. He assumed his present job in 1968.

During the 20 years he has been at NWC, Ray has worked on many projects. "Of course, everybody, it seems, had a hand in Sidewinder," he laughed. "But I've also worked on the Mark 24 Mine Projector, the HPAG rocket, 4 in. sub-caliber anti-submarine rocket, the 2.75 FFAR, BOAR, HOPI and many other interesting projects," he added.

"Ray is an old friend and a valued colleague," said Frank Knemeyer, head of the Weapons Development Department. "His technical competence in fluid dynamics and its application to the problems of Naval weaponry is recognized nationally and is evidence locally by his personal influence and that of his division on the aerodynamic design of Center weapons—if only his jokes were of the same high caliber," the Department Head added wryly.

He is a member of the AIAA atmospheric flight mechanics



Ray W. Van Aken committee and serves as the Center's alternate member on the Committee. Ray is also a past vice president of the local branch of RESA and has served as a member of the Ridgecrest Community Hospital's board of directors since 1966. He is presently the president and also chairman of the building committee.

In the past Ray has served on the Desert Counseling Clinic board of directors and received the Sylvia Besser award in 1966 for his service. He also served on the United Fund board of directors.

A few years ago, Ray broke into print with an article in Air Facts Magazine, entitled "Bees, And How They Really Can Fly." "It was an article that tore apart the theory that aerodynamicists believe the bumble bee cannot fly," he chuckled.

"Aerodynamicists know the bee can fly because of the 'frequency of flap' theory. It was really a zoologist who felt the bee shouldn't fly because he couldn't understand why," Ray grinned.

Ray and his wife, Jane, whom he met at China Lake and married in 1960, have two children, David 9, and Glen, 5. Ray frequently takes David on mountain climbing expeditions ("Nothing too difficult," he said) and the whole family enjoys outdoors outings of all kinds.

Ray is a licensed pilot and together with two other men, owns his own aircraft. The family frequently fly to far-off places in search of vacation spots, and have been to Vancouver, British Columbia; Calgary, Canada; Moab, Utah; the Bay Area, Colorado, Indiana, and, according to Ray, "gone all over, from Maine to Mexico."

Ray enjoys skiing and color slide photography. But his big love is climbing. "I don't do as much as I used to," he explained, "and I never was one of the fanatics who try to climb record mountains using less pitons than the last guy, but I really love the outdoors and this seemed one way to take advantage of that love."

While working on "White Tower," the director called on Ray to demonstrate a climb up a chimney, especially constructed for the movie. "Unfortunately, the rock was made of plaster of paris and was quite smooth," he said. "I happened to be wearing moccasins and after getting about 35 feet up, I lost one of them, and nearly fell. After reaching the top, I nearly slipped and hung by one arm, over 40 ft. from a concrete floor and I really panicked until I muscled my way over the top." (Continued on Page 8)

Desert Campus Placement Test Dates Are Set

Paul Riley, Dean of Student Services for the Desert Campus of Bakersfield College, announced this week that the College will offer placement tests on Saturday, August 5 at 8 a.m. in the Burroughs High School Multi-Use Room.

Students planning to enter the Desert Campus or the main campus of Bakersfield College are required to take this battery of tests, which will also be administered on two consecutive evenings, August 8 and 9, beginning at 6 p.m.

A college aptitude test, a reading skills test, and an English test will be given. For qualified students who plan to take a beginning course in Calculus, a mathematics placement test will be offered at the conclusion of the other tests.

College counselors will use the scores from these placement tests to help students plan their course of study and their long-range educational goals.

Students planning to take the tests should arrive in advance of the hour scheduled and also should bring a ball-point pen. All other test materials will be furnished. Riley asks that students who wish to take the placement tests contact the college office, 375-1548, as soon as possible for reservations.

Opportunities . . .

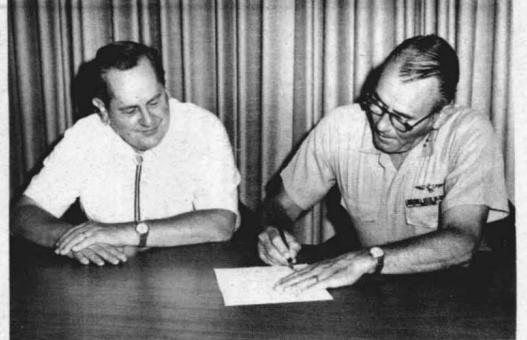
(Continued from Page 2)

arranges components and fabricates printed circuit boards. Tests circuits and components developed in Touch and by contract. Participates in conduct of laboratory and field tests. Job Relevant Criteria: Incumbent must have sound knowledge of electronic theory and application as related to weapon system test equipment. Must be proficient in printed circuit design, layout, and component assembly, use of test equipment used in troubleshooting and repairing electronic equipment, and maintaining calibration of test equipment. Must have knowledge of shock, stress, vibration, temperature and humidity. Minimum Qualification Requirements: In accordance with CSC Handbook X-118.

Clerk-Typist, GS-323-3 or 4, PD No. 7240125, Code 4055—Performs a variety of clerical and typist duties such as typing notes and reports, correspondence, statistical tables, maintains files, answers telephone, receives visitors and prepares time cards. Performs these duties for the Branch Head and other employees of the Branch. Job Relevant Criteria: Demonstrated telephone reception skills; experience typing administrative and technical support matter. Magnetic Tape Electric typewriter operation experience is desirable. Minimum Qualification Requirements: As defined in CSC Handbook X-118.

Electronics Engineer, GS-0855-12 or 13, PD No. 7240124, Code 49595—Position is located in the BULLDOG Program Office, Infrared Systems Division, Weapons Development Department. Incumbent is responsible for design, development, maintenance, and documentation of Avionics and Missile test equipment for the BULLDOG Weapons System. Performs technical evaluations of contractor and in-house special support equipment, designs and makes recommendations concerning improvements in design. Performs trade-off studies and analyses in selection of desired circuitry. Directs and coordinates work of junior engineers, technicians and contractor personnel. Job Relevant Criteria: Minimum of three years experience in design and development of missile/weapon system test equipment. Specialized knowledge required in optics, infrared, digital circuitry, light emitting diodes, and state-of-the-art testing techniques for air-launched weapon systems. Must have specified and documented test equipment design. Minimum Qualification Requirements: In accordance with CSC Handbook X-118.

File application for the above with Elizabeth Sodergren, Bldg. 34, Room 206, phone 2676. Tree Trimmer, WG-3543-05, JD No. 100-1, Code 78415—In this position incumbent will cut, prune, and trim trees to remove excess wood and foliage, eliminate interference with power and/or communication lines, and protect nearby buildings and equipment. Minimum Qualification Requirements: Rating will be on the basis of the appropriate J-Element Standard in accordance with the CSC Handbook X-118. File Applications and Supplemental Experience Forms for above with Donna J. Janes, (Code 457), Bldg. 34, Room 210, Ph. 2292.



SAFE BOATING PROCLAMATION—Rear Adm. W. J. Moran, NWC Commander, affixes his signature to a proclamation for Safe Boating Week (July 2-8) while Kenneth M. Smith, left, Mayor of Ridgecrest, who also signed the proclamation, watches.

Free Safety Check Offered To Boat Owners By Flotilla 76

In preparation for the annual observance of National Safe Boating Week, which will be celebrated July 2 to 8, there will be an opportunity for local boat owners to have a free safety check of their craft.

The safety check will be conducted to see if boat owners have the proper fire protection, ventilation, adequate emergency gear, approved life preservers, working signal equipment and required lighting.

Arrangements to have such a check conducted at the con-

venience of the boat owner can be made by calling Paul Rainsberger at NWC ext. 2668 or 3456. Safety checks will be conducted by qualified members of China Lake Flotilla 76 of the U.S. Coast Guard Auxiliary.

For boats that pass the safety check, a special decal will be issued.

Officials of the local Coast Guard Auxiliary unit have estimated that there are more than 2,000 boats in the local area, and are anxious to do their part to see that all are safe to operate.



Legal Checkup Program Now Available to Naval Personnel

A legal checkup program aimed at making sure that all Naval personnel are aware of the services available to them from Navy legal assistance officers has been announced by Vice Adm. Elmo Zumwalt, Jr., Chief of Naval Operations.

This program is designed to give each Navy man or woman the opportunity to review his personal legal affairs at any time, but with special emphasis placed on the program annually, during the month of October, which is designated as "Legal Checkup Month."

The purpose of the legal checkup program, according to information received in a message from the CNO, is to encourage Naval personnel to plan ahead in order to prevent problems before they arise, rather than to seek legal help only after it is too late to take preventive or corrective action.

"Tragedies involving Naval personnel have created serious legal and financial difficulties for many Navy families because the husband did not have an up-to-date will, did not have any will at all, or because he failed to keep his personal legal affairs under current review and had failed to provide adequately for his family in the event of his death," the CNO's message stated.

"In other cases, inattention to present family financial and legal planning has caused problems which distract a man's attention from his duties, resulting in a lowering of efficiency in the performance of his duties and/or neglect of his family responsibilities," the message continued.

Despite the existence of a legal assistance program in the Navy since 1943, many Navy men and women still seem to be unaware that qualified Navy lawyers are available to help them with their personal legal problems, it was pointed out in the message from Vice Adm. Zumwalt.

Engineering Dept. Offers Experience Of CWO2 J. Burns

CWO2 J. H. Burns, who recently reported to NWC after 2½ years of duty as an air gunner aboard the USS Hancock, is now available for consultation and assistance on any program where his experience can be effectively used, according to a recent memorandum from the office of Dr. Ivar Highborg, head of the NWC Engineering Department.

CWO2 Burns can be contacted in Room 205-C at Michelson Laboratory. Those who wish to call can reach him at NWC Ext. 2274.

The Rocketeer

Official Weekly Publication
Naval Weapons Center
China Lake Lake, California

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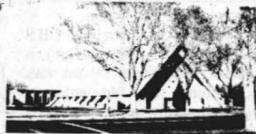
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Staff Photographers

DEADLINES:
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 NAVEXOS P35, revised July 1958. 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



DIVINE SERVICES

PROTESTANT
Sunday Worship Service 1000
Sunday School - All Ages 0830
Sunday Evening Bible Study 1900
Wednesday Bible Study 1130
Wednesday Teenage Bible Study 0645
Sunday School Classes are held in the Chapel Annexes 1, 2 & 4 (Dorms 5, 6, 8) located opposite the Center Restaurant.
Communion - First Sunday of the month

ROMAN CATHOLIC
MASS
Saturday 1700 fulfills Sunday obligation
Sunday 0700 0830 1115

BLESSED SACRAMENT CHAPEL
MASS
Daily except Saturday 1130
First Friday ONLY 1130 1700
First Saturday ONLY 0830

CONFESSIONS
Saturday 1545 to 1645
Sunday 0800 to 0825

CCD CLASSES
Sunday Kindergarten through 6th grades 1000
Wednesday 7th and 8th grades 1900
As announced 9th through 12th grades

Note: The Chapel Nursery is located in Chapel Annex 1, Room 4, across from the Center Restaurant, and is open without charge for children of parents attending Catholic Mass or Protestant Worship Services.

JEWISH SERVICES
EAST WING - ALL FAITH CHAPEL
Friday 1st and 3rd ONLY Sabbath Services 2000
Saturday Sabbath School 1000 to 1200

UNITARIANS
CHAPEL ANNEX #5
Sunday Services 1930



By Jack Lindsey
Friend Joe Dorgan got his first hole-in-one the other day. The ace came on No. 6. Joe was using a 5-iron and took advantage of a pretty good wind to reach the green. The ball hit behind the dune and disappeared and nobody knew where it was until someone looked into the cup.

Now I know why Joe has been seen late at night on the course with two little ground squirrels, teaching them to obey commands. Good move, Joe.

I tried one of the new Royal Plus-6 balls last Tuesday night in the Intramural Golf League. By golly, they do go 6 yards farther. Every one of my putts was approximately 6 yards past the hole.

Curtis Overstreet called to remind me of the Fourth of July Flag Tournament. Golfers may choose their own foursomes. Time slots are available at the clubhouse from 7 to 10 a.m. on July 4.

Curt said that at least three tournament golfers must play in each foursome. The tournament runs like this: Each person's SCGA handicap is added to par of 72. When the individual golfer reaches that total, then he sticks his little flag in the ground where his ball lies. In my case, I'm a 20-handicapper, so I would deposit my flag after my 92nd stroke.

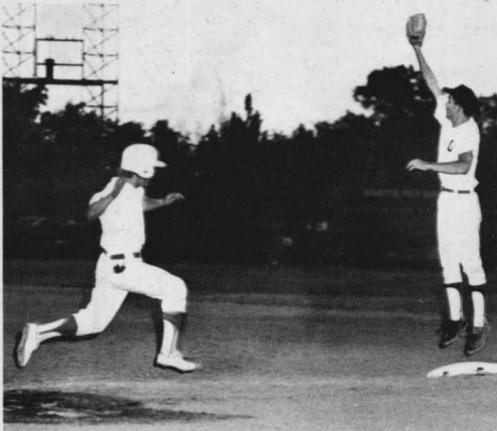
The fast pitch league scorebook keeps disappearing, so I only have one night to report on—last Monday night.

The Valley Merchants took a 5-3 win over Texas Instruments and Bud Eyre crushed A&L Tire, 17-0. No standings, no other results. Maybe next week.

GOLF LEAGUE STANDINGS

The Mulligans continue to lead the Intramural Golf League, however, their margin has been reduced to just one point. The Devastators won three points last Tuesday night, as did the Code 557 team. The largest gain of the week on the leaders was made by Code 551, who took 3 1/2 points from the Short Knockers.

Team	Standings	Points Won
The Mulligans		11
Devastators		10
Code 557		10
Symposium		9
Code 551		8.5
Code 5563		8.5
BHS		7.5
NAF		7
Big Spenders		7
Transportation		6.5
Short Knockers		6
Nightfighters		5.5



A LONG S-T-R-E-T-C-H—Dodger first baseman Mark Wright reaches high in the air for the throw in plenty of time to cut down an unidentified Mets base-runner during the game between the two teams on June 21. The Mets won the game 7-3 and cinched their hold on first place in the Colt League.

Loss By J.D.'s Creates Three-Way Jam For First

A three-way tie for first place now exists in the Women's Softball League following a 24 to 8 win by the Bamboo Club over J.D.'s last Friday night. This was J.D.'s first loss and they are now tied with the Bamboo Club and Senn's Sneakers for the premier spot.

Pat Brightwell and Marla McBride each had three hits for the Clubbers, which proved to be J.D.'s undoing.

In the first game of the evening, Senn's Sneakers outthrew the Continental Telephone team and won 18-15. Myrna Covert had two triples and two singles for Senn's.

Earlier in the week the Roadrunners defeated the Sand Pipers, 8-2, and the Saints blasted the Pioneers, 15-5. Terry Giles and Pat Bennett each had two hits for the Saints.

James Gang Upset By Supply To Record Season's First Loss

The James Gang were upset by Supply, 11-10, in slow pitch action last Monday evening. This was the James Gang's first loss in nine games. In other games played the past week, the Saints beat NWC 15-14 and the Pioneers outlasted Central Staff, winning 12-11.

VX-5 literally crushed the Bombers, 33-9 and earlier defeated

New Hunters Must Complete Safety Course

Persons applying for their first California hunting license must complete the hunter safety training course, the Department of Fish and Game reminded prospective hunters this week.

Hunter safety training is now required for all first-time buyers of hunting licenses regardless of age. On completion of the training course, the applicant receives a certificate of competence, which he must present when applying to buy a license.

Anyone applying for a hunting license must provide either: (1) proof that he has held a California license for a previous year, or (2) a hunter safety certificate of competence.

Information on training classes may be obtained from DFG offices as well as license agents and local game wardens.

Girls' Softball

In the Minor League the Ravens beat the Hawks, 24-20 and later in the week, the Hawks rebounded by pouncing the eagles, 21-6.

In American League action, scores for the past week are as follows:

Rangers, 10, Red Sox 5; Angels, 11, Yankees, 4; Athletics 11, Indians 5.

In games played last Monday night, the Athletics outlasted the Rangers, 10-4 with Lori Noland hitting a home run and two singles for the Athletics. Sue Mendonca was the leading hitter for the Red Sox as the team crushed the Yankees, 15-4. In the third game, the Angels defeated the Indians, 10-3, behind the power hitting of Lori Means, who smacked two round-trippers in the game.

Red Sox manager Dan Branson, winner of the major division title this year, will be team manager and Bob Gritton, who managed the second place Tigers, is the coach.

The team will play its first games on Thursday, Friday and Saturday, July 20, 21 and 22 in the Area Tournament, which will be hosted this year by China Lake. Teams entered in the area tournament will be from China Lake, Ridgecrest, Bishop and Owens Valley.

Following the tournament, the Central Staff by the score of 14 to 7. The James Gang narrowly defeated NWC 14-13 and Supply also won by one run over the Saints, 12-11. The Ice Hockey Team racked up a 13-11 win over the CB Allstars and the Huff and Puffs tore up the Cudboors, 26-9. The Pioneers whipped the Bombers, 17-6.

Fast-Slow Pitch
The Farkel Family won their 11th straight game, 7-3, against the Bamboozers and retained their hold on first place in the Fast-Slow Pitch Softball League. The Lardos defeated the RF Devils, 19-4 in the second half of the twin bill.

In other action, the Sandblasters trimmed the Maladroits, 15-7 and the Stew Burners defeated the RF Devils, 15-9. In last Monday night's games, the RF Devils retaliated by stinging the Dingbats, 13-7 and the Bamboozers bamboozled the Maladroits, 13-4.

Desert Campus Offers Parenthood Seminar

The Desert Campus of Bakersfield College is offering a two week seminar designed to help participants deal with the mystery of parenthood, the complicated job of managing a home, and the attendant trials and tribulations.

The seminar will begin on July 6 at 6 p.m.

Spring Sports Results At BHS Rated 'Outstanding'

Burroughs High School has done well in Spring sports — tennis, track, baseball, golf and swimming.

Both the boys' and girls' tennis teams had an outstanding season, with the boys notching an undefeated 20-0 record.

Chuck Beatty, a graduating senior, was undefeated in singles play and went to the California Interscholastic Federation individual tournament, where he lost to Dave Bohrnsstead, from Redlands, in the semi-finals.

In addition, the doubles team of Joseph Strang and Steven Curran competed in CIF, but lost in the second round to a team from West Covina.

The girls' tennis team finished second in its division. Robert Gilkinson, who coached both teams, is to be congratulated for his outstanding job of coaching and providing leadership.

For the fourth year in a row, the Class B and C track teams from Burroughs won the championship, and this year the varsity track team took second place in the Golden League. Coaches of the

teams were Joe Dominguez, Jay Taylor and Alan Stephens.

The varsity baseball squad, under the leadership of Coach George Ridgley, moved up from the cellar to second place in the Golden League. Jerry Mather, Steve Robinson and Mark Wooten were chosen for the Golden League's first team. In addition, Coach Craig Stephens' JV baseball team had a winning season and finished in third place.

The golf team ended up in second place in Golden League competition behind Quartz Hill. Coach Don Palmer stated that all except one of his changers will be back next year.

For the first time since the 1950s, Burroughs had a swim team. Coached by Jerald Shultz, the swimming team compiled an outstanding season.

The swimmers suffered just one loss, that being a split with Victor Valley. Jan Hillard, Jan McGlothlin, Paige Sorbo and Linda DeMarco made it to the California Interscholastic Federation finals and made it to the finals, although they didn't place.

Little League All Stars To Host Area Tournament

The Little League All-Star team was selected at a meeting of managers and coaches held last Monday evening. Boys selected to play are: Frank Clark and Russell Preul, from the Dodgers; Mark Underwood and Victor Wiggins, Giants; Mark Atkinson and Steve Faith, Pirates; Ernie Bell, Bob Branson and Jess Moreno, Red Sox; John Chieze, Mike Flores and Dan Linstead, Tigers, and Rick DeMarco and Dave Furstenberg, Yankees.

Red Sox manager Dan Branson, winner of the major division title this year, will be team manager and Bob Gritton, who managed the second place Tigers, is the coach.

The team will play its first games on Thursday, Friday and Saturday, July 20, 21 and 22 in the Area Tournament, which will be hosted this year by China Lake. Teams entered in the area tournament will be from China Lake, Ridgecrest, Bishop and Owens Valley.

Following the tournament, the winner will represent this area (Area 1) in the district tournament, to be held in Lancaster.

In order for a team to get into the World Series, held each year at Williamsport, Pa., they must win the area tournament, district tournament, bi-sectional, sectional, state and regional tournaments.

"We have an excellent chance this year," said Branson. "We have more depth than in most previous years, both in the infield, batter's box and pitching," he emphasized.

"With two fine pitchers like Jess Moreno (who threw four no-hit games during the regular season) and John Chieze, we will be in the running," he concluded.

All residents of the Center are invited to the traditional game between the 12 year olds and managers, which will be held on Diamond 4 Tuesday, July 4, beginning at 7 p.m. Prizes will be awarded to lucky spectators and refreshments will be available.

NWC employees interested in attending the workshop, which will be held from 1 to 2:15 p.m., are asked to submit NWC Enrollment Form 12410-28 via department channels in time for it to reach Code 654 no later than July 10.

Contractor . . .

(Continued from Page 1)
"In addition, tenants are asked to please keep dogs on a leash or in an enclosed area," Ens. Murphy advised, "as the contractors will be moving continuously in and out of the yard during the construction. Ens. Murphy also asked that tenants remind children not to play around the construction area.

BELLY FLOP—An unidentified China Lake player slides into first base while the Barstow first sacker awaits the throw. Coach Marty Denkin stands ready to advise his runner. The action came in the first game of a double header between the China Lake All Star softball team and an All Star team from Barstow. The local club won both halves, 11-2 and 13-7. This is the same team that will represent NWC in the Mojave Desert Interservice League competition next month.

Both the boys' and girls' tennis teams had an outstanding season, with the boys notching an undefeated 20-0 record.

Chuck Beatty, a graduating senior, was undefeated in singles play and went to the California Interscholastic Federation individual tournament, where he lost to Dave Bohrnsstead, from Redlands, in the semi-finals.

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Barrier Fence To Be Installed Along Knox Rd.

An internal security fence to protect the range areas and the Naval Air Facility has been approved by the Center Facilities Board.

Construction of the first of several increments was begun this week by the Ashland Construction Co. of Lancaster, Calif. Funding for each increment must be approved separately, therefore, a firm schedule for completion has not been established.

The first increment will be installed along the south side of Knox Rd. from Lauritsen Rd. along the golf course, turning south to the stable area, then on the east side of the stables ending at the old stable road. This increment will be a barbed wire fence. It is hoped that future increments will be chain link material.

No surfaced roads will be blocked at this time, however, the old stable road behind the stables, B Mountain Rd. and the old road on the east side of the golf course will be blocked.

Motorcycle riders, bicyclists and horse riders are urged to exercise caution along the designed areas shown on the adjacent map.

Don Yockey Is Hospitalized At Ridgecrest

Don Yockey, editor of The ROCKETEER since August of last year, and editor of the Valley Independent newspaper, in Ridgecrest for 16 years, suffered a heart attack last Friday as he was leaving town for two weeks vacation in the mountains.

The family asked that persons who wish may send him cards in care of the Ridgecrest Community Hospital, Room 309. However, they requested that flowers do not be sent at this time.

Workshop For Secretaries Set By Personnel

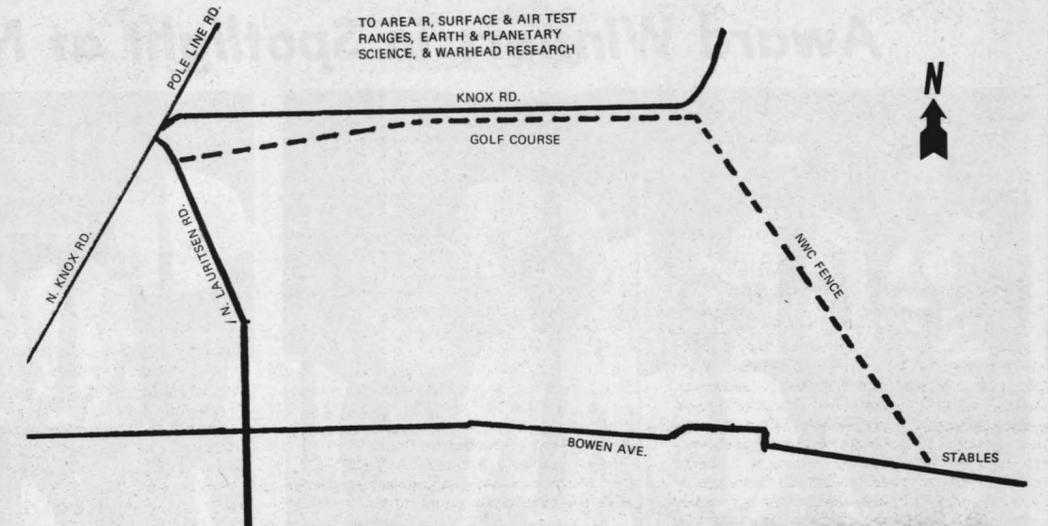
A personnel development opportunity workshop for secretary-stenographers on the Naval Weapons Center has been scheduled on Thursday, July 20, in Room 211 of the Training Center.

During the workshop, three brief films about shorthand, the secretary taking dictation and both the transcribing of shorthand notes and the use of a transcribing machine will be shown, followed by discussions after each film showing.

NWC employees interested in attending the workshop, which will be held from 1 to 2:15 p.m., are asked to submit NWC Enrollment Form 12410-28 via department channels in time for it to reach Code 654 no later than July 10.

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UHF Antenna Installations Explained . . .

(Continued from Page 1)

The most powerful UHF antennas are the parabolic, or dish antennas, that usually are reserved for only the most extreme reception problems because of their weight, size and wind resistance.

The UHF transmitter now serving Indian Wells Valley, and the others to be added, transmit from Laurel Mt., which is located about 10 miles south of Ridgecrest. While the transmitter itself is not visible to the naked eye, a wooden scaffold about 500 ft. east of it can be seen and may be used for orientation of the antenna (even best UHF antennas have beamwidths of 10 degrees or so).

If Laurel Mt. cannot be seen from wherever it is proposed to locate the antenna, then that particular spot is not a good place for the antenna. Trees, buildings and hills all soak up a lot more of the UHF signal than they do in the case of VHF, and UHF does not bend nearly as much with the earth's curvature. That's why tall mast and large antennas may be necessary in some locations.

In addition, UHF signals suffer greater power losses on the download than do VHF signals—especially when penny-a-foot ribbon twinlead is used. A ghostly or snowy picture may be the result of failing to use proper standoffs, pinching the lead-in wire in the window when bringing it inside, or

by coiling the excess lead-in wire behind the television set.

For best results, a separate download should be used on the UHF antenna and the wire used should be shielded twinlead or coaxial cable (with transformers).

If the VHF lead-in is in good condition, and the proper installation techniques were used, the UHF antenna can be joined to it and separated from it again at the set. To do so, however, a UHF-VHF combiner must be used on the roof and a UHF-VHF splitter must be used at the set itself, or the VHF reception will be bad and the UHF channels even worse.

If more than one set is connected to the same antenna, an appropriate two-set coupler must be used. Be advised, however, that not all couplers work on both UHF and VHF—if it doesn't say it does, it doesn't.

A booster amplifier on the mast, outside, can improve the signal—especially on an old set—and so can changing the tubes in the tuner (even if they test good at the drugstore).

In a few locations hereabouts, Channel 29 (KBAK) from Bakersfield can be received directly by using a large antenna. This has proven to be true in at least two locations, both near Inyokern Rd.

Briefly, a few words now about antenna will improve FM recep-

tion at all locations, and most FM receivers have terminals to accept external antenna connections. When an external antenna is used, the internal antenna should be disconnected.

The FM radio antenna should be pointed south, but not in the same direction as the VHF TV antenna. A combination VHF-UHF-FM antenna pointed south could be used for both UHF TV and FM radio, but that combination is not the most economical and separate antennas are more powerful.

A regular VHF television antenna appears to be about the same size as an FM radio antenna, and can be used for this purpose, but performance is not as good as is possible using one that is made for the job.

FM radio signals also can be coupled into the TV download with an appropriate download combiner, but unless the TV and FM set are in the same cabinet, the excessive cable length and the losses due to the combiners make such combination unadvisable.

Potential exhibitors in the 1972 Desert Empire Fair, which will be the first such celebration to be staged having the use of the recently completed exhibit building (instead of a tent) can now get a running start on their preparations for taking part in this year's fete.

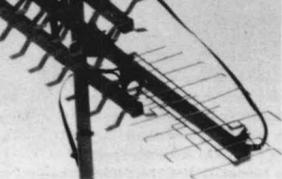
Premium booklets for the fine arts, crafts and domestic arts competition at the fair can be obtained at either the China Lake Community Center or at the Kern County library in Ridgecrest (250 W. Ridgecrest Blvd.).

According to Sally Partin, competition chairman for the third consecutive year, the booklets list the various categories that are open, the entry rules and also tell about the prizes.

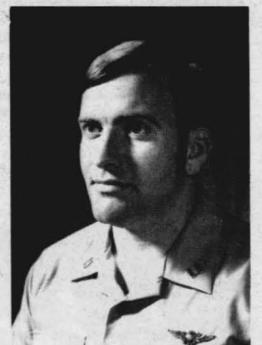
Help with the exhibits in the community building (Roy Martin Hall) has been promised by local 4-H Clubs, Mrs. Partin stated, and other assistance will be provided by Arline Moline, a holdover committee member, and by Dolores Hoffman, an artist.

Hernandez won the Congressional Medal of Honor for heroism in battle near Wonton-NI, Korea in May of 1951.

FOR GOOD RECEPTION OF UHF television signals, a high gain Yagi antenna, with built-in coupler, can be used. In the case of this type of antenna, the greater its length the better will be the TV reception it helps to provide.



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JOINS VX-5—Lt. James W. Curland reported for duty recently with Air Test and Evaluation Squadron Five, and has been assigned the primary duty of Quality Assurance Officer. Just back from a Mediterranean cruise as a Corsair II pilot aboard the USS Independence, Lt. Curland joined the Navy in April, 1968, after being graduated from the U.S. Merchant Marine Academy with a bachelor's degree in marine engineering. His overseas service also has included a tour with Attack Squadron 172 aboard the USS Shangri-La in the Western Pacific. Lt. Curland was accompanied to China Lake by his wife, Linda.

NWC Commander To Speak At Vets Ceremony

Rudy Hernandez of Canoga Park, Congressional Medal of Honor winner, will be the guest of honor at the Dedication of the Veterans Monument in Uffert Park, Lake Isabella, at 10:30 a.m., on July 4.

Rear Adm. William J. Moran, NWC Commander, also will speak at the dedication ceremony. His topic will be "Americanism."

Static weapon displays, including Sidewinder and Shrike, provided by NWC, will be available for viewing by the public, beginning at 10 a.m.

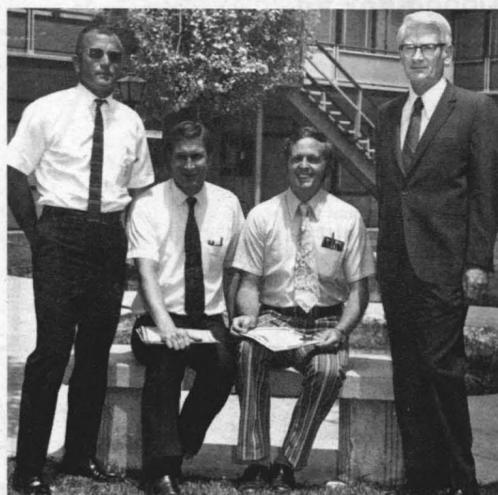
The event, sponsored by the collective veterans organizations of the Kern River Valley, is open to the public.

Hernandez won the Congressional Medal of Honor for heroism in battle near Wonton-NI, Korea in May of 1951.

Award Winners in Spotlight at NWC



PATENT DISCLOSURES led recently to the presentation of Superior Achievement Awards of \$50 each to employees in the Electromechanical Division of the Fuze Department. The presentations were made by C. R. Hamilton (standing, at right) division head, to (seated, l.-r.) J. E. Means, R. L. Higuera and M. E. Anderson, and (standing, l.-r.) J. C. Rudeen, M. R. Osborn, S. L. Redmond and F. L. Menz. Others who received similar awards, but were unable to be present for the photo, were J. J. Nastronero, G. E. Haugen, S. Bronkowski, H. R. Kollmeyer and W. B. Lunt. Anderson shared one invention, "Optical Accelerometer," with Means; another, entitled "Digital Electronic Safety-Arming Device" with Redmond, and a third "Pressure Activated Interlock for S-A Device" with Higuera. Menz and Osborn collaborated on an invention disclosure titled "Explosive Logic Elements," and Rudeen and Lunt were co-inventors of the "Ex 334 Mod O Guided Missile Warhead Fuze," and Osburn also was recognized for his invention, "Shot Vortex Arming Device."



PATENT AWARDS ANNOUNCED—Singled out for recognition for their patent awards during a recent Fuze Department ceremony were (seated, l.-r.) Mathew E. Anderson and L. C. Chaffin. The awards were presented by B. F. Husten (standing, at right), head of the Fuze Department, in the presence of Roy Miller (at left), NWC patent counsel. Anderson shared in four invention disclosures with fellow employees, while Chaffin was awarded a U.S. patent for an invention filed in 1964 that has since been classified.



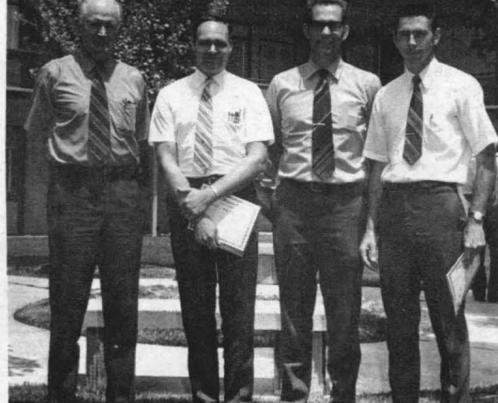
A GROUP OF 30 employees in the Electronic Systems Department were the recent recipients of Outstanding Performance Ratings that were presented by Bill Porter (at right), the associate department head in the absence of Leroy Riggs, the department head. Porter, who also received an "Outstanding" rating, received his award from Bill Davis, the department's head of staff. The award winners were (l.-r.): Everett Yelland, Jean Rollington, Lawrence Weeks, Delores Irwin, John Rogers, Iva Jeane Brown, Kathleen O'Neill, Guenter Winkler, Grover Bradley, Blythe Clary, Joseph Mosko, Robert Vargus, Al Woolam, Frank Blair, Ray Caruso, Robert Larrabee, Robert Joy, Charles Hawthorne, Terry Wilson, Gerald Auger, Mervyn Hoover, Claude Wood, Paul Potter and Carlton Hamel. Four others who received Outstanding Performance Ratings, but were unable to be present for the photo, were George Mills, John Campbell, Robert Clapp and Kenneth Specht.



PROLIFIC INVENTOR—W. Ray Magorian (at right), head of the Systems Techniques Branch in the Fuze Department's Advanced Systems Division, was the recent recipient of a Superior Achievement Award for each of four invention disclosures which will now be processed for possible Navy patents. The awards were presented by B. F. Husten (at left), head of the Fuze Department. Two of the inventions were shared by Magorian with Kenneth R. Wetzel and Leland R. Parker, and two others were entirely his own effort. All four of them deal with classified matters.



DURING AN AWARDS CEREMONY held recently by the Electronic Systems Department, Quality Step Increases, Sustained Superior Performance and Superior Achievement Awards were presented to the above group of 20 employees by Leroy Riggs, department head. Recipients of such awards were (l.-r.): Jack Leininger, QSI; Everett Yelland, QSI; John Boutwell, QSI; Milton Caves, SA; Kenneth Specht, QSI; George Mills, QSI; John Campbell, QSI; Ralph Beyer, QSI; Carlton Hamel, QSI; Robert Clapp, QSI; Ray Caruso, QSI; Richard Peter, QSI; Charles Hawthorne, SSP; Mervyn Hoover, SSP; Blythe Clary, QSI; John Crecelius, QSI; Charles May, QSI; Stanley Wagner, QSI; Robert Corzine, QSI; Robert Brown, QSI; and Jack Eyer, QSI. In addition, QSIs also were awarded to Josephine Kajiwara, Kathy O'Neill, Mary Ann Brown and Peggy Harbin (not in photo).



SUPERIOR ACHIEVEMENT awards for an invention disclosure were received recently by J. A. McKenzie (2nd from left) and C. B. Lindsey (at right), two employees in the Fuze Department's Engineering Division, for an invention disclosure entitled "Quadrant Selective Linear Phase Correlator With Enable." The awards were presented by R. J. Hardy (at left), head of the Engineering Division. Also present for the occasion was R. A. Smith (2nd from right) head of the Electronic Design and Fabrication Branch in Code 507.



SUSTAINED SUPERIOR Performance Awards were presented recently by Capt. A. E. May (at left), former Deputy Commander of the Naval Weapons Center, to K. S. Skaar, head of the Safety Department, and to Mrs. Mary Jane Driggs (in center), secretary in the office of the Deputy Commander.



SEVEN EMPLOYEES in the Weapons Development Department's Infrared Systems Division were the recent recipients of awards in recognition of their outstanding contribution to the division's work effort. The awards were presented by Charles Smith, division head, to (front row, l.-r.) Lloyd Jackson, Larry Christian and Ed Teppo. In the back row are (l.-r.) Don Kummer, Gary Ozunas, Jeff Price and Joe Seibold. Sustained Superior Performance awards were received by Jackson (\$250), Ozunas (\$300), Price (\$250) and Teppo (\$300). The latter also received an Outstanding Performance award as did Kummer and Seibold, whose awards were accompanied by Quality Step Increases. For his part, Christian received a Superior Achievement award (\$300).

QUALITY STEP INCREASES were awarded recently to four employees in the Technical Information Department by C. E. Van Hagan (at right), department head. Recipients of the awards were (from left) Ron Lloyd, Kay Thoms, Edith Huse and Becky Sorge.



PATENT AWARD PRESENTED—Ed Davis (at right), a general engineer in the Control Systems Branch of the Weapons Development Department's Infrared Systems Division, was the recent recipient of patent award for inventing an Omnidirectional Spring Mass Initiator. The presentation was made by Frank Knemeyer, Davis' department head.



RECEIVES SUPERIOR ACCOMPLISHMENT—Lt. H. D. Bennett, the NWC Navy Exchange Officer, right, and Lt. Edmund Smith, who assumed those duties last week, are shown presenting a Superior Accomplishment Award, plus a check for \$100, to Phyllis Beckerdite, a clerk in the procurement section of the Navy Exchange. Mrs. Beckerdite's award came from her outstanding work devotion, attitude and approach to problems in the office during times of absences of the other two clerks. Lt. Bennett will transfer to Agana, Guam, where he will be the Supply Officer at the Naval Air Facility.



AN AWARD CEREMONY, held by the Fuze Department, included the presentation of service pins by B. F. Husten (standing, at right), department head. The recipients were (seated, l.-r.) E. S. Neuman and O. S. Saholt (standing, l.-r.) E. O. Lindley and G. I. Voran. Neuman and Lindley each received 30 year Federal service pins, while Lindley also received a 10 year NWC pin. Saholt was presented his 20 year NWC pin and Voran received a 20 year Federal service pin.



A GROUP OF seven employees in the Engineering Department's Test Support Division were singled out for special recognition at the time of annual performance awards. The awards were presented by Lester G. Garman (front row, center) to (l.-r.) William T. Lamb, Don V. Stanton, George R. Meuser, Don A. Schlinkert, Patty J. Graham, Jerry J. Allen and Edgar G. Smith. Mrs. Graham received a Sustained Superior Performance award, while Quality Step Increases went to all of the others. In addition to a QSI, Lamb also received an outstanding performance rating.