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Sheriff Bland To Address Rotary Club

Frank Bland, Sheriff of San Bernardino County, has accepted an invitation to tell China Lake Rotarians and their guests about the problems of law enforcement on the desert. His appearance is scheduled next Wednesday, May 31, during the Rotary Club's luncheon meeting at The Hideaway.

Bland, now serving his fifth term in office as sheriff of the largest county in the continental United States, is widely known and respected as a leader in his field, and for his ability to organize and apply modern law enforcement techniques in both urban and sparsely populated areas.

He was appointed to serve as Chief of Police for the City of Needles in 1946, and continued in that capacity until Jan. 3, 1955, when he was elected and took the office he now holds as sheriff of San Bernardino County.

Lecture Set On Women's Role In Modern Times

A lecture on the role of women in modern society has been scheduled next Thursday, June 1, at 7:30 p.m. in the Burroughs High School Lecture Center.

The speaker for this personnel development opportunity program



Virginia Carter

will be Virginia Carter, president of the Los Angeles Chapter of NOW (National Organization for Women).

Currently a member of the technical staff in the Aerospace Corporation's space physics laboratory, Mrs. Carter designs and develops density gauges for Air Force spacecraft, and is one of two women scientists in the country whose experiments have been flown in Air Force satellites.

Mrs. Carter has a math and physics degree from McGill University in Canada, and received a master's degree in physics from the University of Southern California.

'72 Spring Festival To Open May 31

Carnival-type fun and games, coupled with a recreational vehicle show in the new exhibit building at the fairgrounds in Ridgecrest, will highlight the Knights of Columbus-sponsored 1972 Spring Festival.

The Spring Festival, which will begin next Wednesday night, May 31, and continue through Sunday, June 4, is being directed by Cliff Clay and Dick Stokes, as co-chairmen, and again this year the S.J.M. Fiesta Shows will be back at the Desert Empire Fairgrounds.

Seven Ridgecrest automobile dealers will be participating in the recreational vehicle show at Roy Martin Hall, which workmen are now rushing to completion and will be finished, except for the installation of the cooling and heating system, when the Spring Festival opens next Wednesday.

Featured in this show will be displays of campers, trailers, four-wheel drive vehicles, motorcycles and boats.

Space also will be allocated inside the exhibit hall to publicize the past successes and future plans of the Ridgecrest Improvement Committee, whose members are now at work on the development of a golf driving range and miniature golf course on a 19-acre parcel of city-owned land that adjoins the fairgrounds.

A display of 4-H Club projects also will be set up inside the new exhibit building.

A half dozen or more local organizations, including the Knights of Columbus, Kiwanis Club, Eagles and Moose Lodges, the Lions Club and the local chapter of the National Association for the Advancement of Colored People, will operate a variety of food booths at the Spring Festival. On sale will be pizza pie, tacos and chili, hamburgers, fried chicken, corn on the cob and ice cream.

In addition, game booths will be operated as fund-raising ventures on the midway by both the Indian Wells Valley Council for Retarded Children and the Catholic Youth Organization.

Annual Meeting Set May 31 By Concert Ass'n

The China Lake Civic Concert Association will hold its annual meeting on Wednesday, May 31, at 8 p.m. at the China Lake Astronomical Society Clubhouse, 401-A McIntire St.

An election of officers for the coming season will be held. Nominees for four general board of director seats include Glenda Blackshaw, Mrs. Paul D. Dietrich, Mrs. Roy B. Leipnik and Mrs. Robert L. Housden. Mrs. Leipnik and Mrs. Housden are incumbents.

Additional nominations will be received from the floor. The offices of president, vice-president, secretary and treasurer will be elected from the board of directors as well.

An open forum on the subject of improving future operations of the Concert Association will be held. In addition, the schedule of concerts for the coming season will be announced.

The meeting is open to the public.



FORMER DEPARTMENT HEAD HONORED—K. H. Robinson, former head of the NWC Technical Information Department prior to his retirement last August following 26 years at China Lake, was the surprised recipient last week of a State Assembly Resolution that was presented to him by Assemblyman Kent H. Stacey, 28th District representative. The resolution, which summarizes the numerous contributions made by Robinson during his many years as a local resident, was presented at a meeting of the Rotary Club of China Lake—one of several groups the award recipient helped to organize and was a charter member. Robinson, who was chosen to head the NWC Technical Information Department when it was established in 1954, is a recipient of the L.T.E. Thompson Award. Those receiving this award are selected for their outstanding contribution toward the fulfillment of the mission of the Naval Weapons Center. Robinson helped to organize both the China Lake Civic Concert Association and the Desert Community Orchestra, and also was on the founding committee of the Maturango Museum.

Upward Changes in Civil Service Annuities Scheduled on July 1

Information from the U. S. Civil Service Commission indicates a cost-of-living adjustment of Civil Service annuities amounting to 4.8 per cent will take effect on July 1, 1972, for employees retiring on or before this June 30.

The Civil Service Retirement Law provides for an automatic increase of Civil Service annuities whenever the cost of living, nationwide, goes up by at least three percent over the Consumer Price Index (CPI) for the month used as the base for the most recent cost-of-living annuity increase and stays up at least three percent for three consecutive months. The present base month is March, 1971.

February, 1972, was the first month since March, 1971, that the percentage increase in the Consumer Price Index equaled at least three percent over the CPI of March, 1971. The percentage increase was 3.3 per cent in February; 3.5 per cent in March, and 3.8 per cent in April.

According to law, annuities are increased by the highest percentage increase in the Consumer Price Index during the three-month period, plus an additional one percent authorized by law.

Employees desiring to retire on or before June 30, 1972, in order to take advantage of the increase in annuities should contact their department's Personnel Management Advisor to arrange for retirement counseling.

Blood Bank Visit Set Next Tuesday
 An opportunity for all local residents between 21 and 65 years of age who are in good health to do a neighborly good turn, and also benefit themselves should the day come when they are in need of a blood transfusion, will be presented next Tuesday afternoon when the Houchin Bloodmobile from Bakersfield will be at the Ridgecrest Elks Club, 201 E. Church St.

Hours of operation at the bloodmobile will be 2 to 6 p.m. Tuesday, according to Mrs. Mae Read, co-chairman of the Indian Wells Valley Blood Bank.

The wives will assemble at Hangar 3 at 8 a.m. where coffee and doughnuts will be served prior to tours of NAF conducted by members of the Gold Hash Mark Club.

Following the tours, Capt. R. E. McCall, Commanding Officer of NAF, will welcome the women and guest speakers will talk to them about the functions of the Naval Air Facility.

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

FRI. 26 May
 "PRETTY MAIDS ALL IN A ROW" (92 Min.)
 Rock Hudson, Angie Dickinson
 (Crime Comedy) Rock is a high school coach who doubles as a guidance counselor, with a penchant for girls. Angie's a teacher who has a fling with a young student. And then there are the murders! (R)

"BOATING USA" (22 Min.)

SAT. 27 May

—MATINEE—
 "CHITTY CHITTY BANG BANG"
 (143 Min.)
 Dick Van Dyke
 —EVENING—
 "VALDEZ IS COMING" (90 Min.)
 Burt Lancaster, Susan Clark
 (Western) He asked for a repatriation for the slain man's poor widow but the great bandito humiliated and then crucified him—and then he really got MAD! Fast action and a powerful buffalo gun for thrills. (PG)

"TICKLED PINK" (7 Min.)
 "SKATER DATER" (9 Min.)

SUN. & MON. 28-29 May

"EAGLE IN A CAGE" (99 Min.)
 Kenneth Haigh, Ralph Richardson
 (Historical Drama) Napoleon in exile on the island of St. Helena. Story of his post-Waterloo adventures have the fascinating drama of a man who knew more than any other about power and defeat. A fine portrayal. (PG)

"THE BIG WASH" (7 Min.)

TUES. & WED. 30-31 May

"SKIN GAME" (102 Min.)
 James Garner, Lou Gossett, Susan Clark
 (Western Comedy) Warner Brother's 1500th movie is about a slick gambler who sells off his slave. The two meet later and split the proceeds; a sweet con racket until smart Susan moves in and takes them. The W-I-L-D WEST! (PG)

"SUGAR & SPIES" (7 Min.)

THURS. & FRI. 1-2 June

"SNOW JOB" (90 Min.)
 Jean Claude Killy, Vittoria De Sica
 (Adventure) Amazing ski and snowmobile sequences highlight a story of the robbery of a ski lodge and the subsequent chase. World Champion Killy sets a fast pace of thrills and spills for the action fans. (PG)

"MAGIC MACHINE" (16 Min.)

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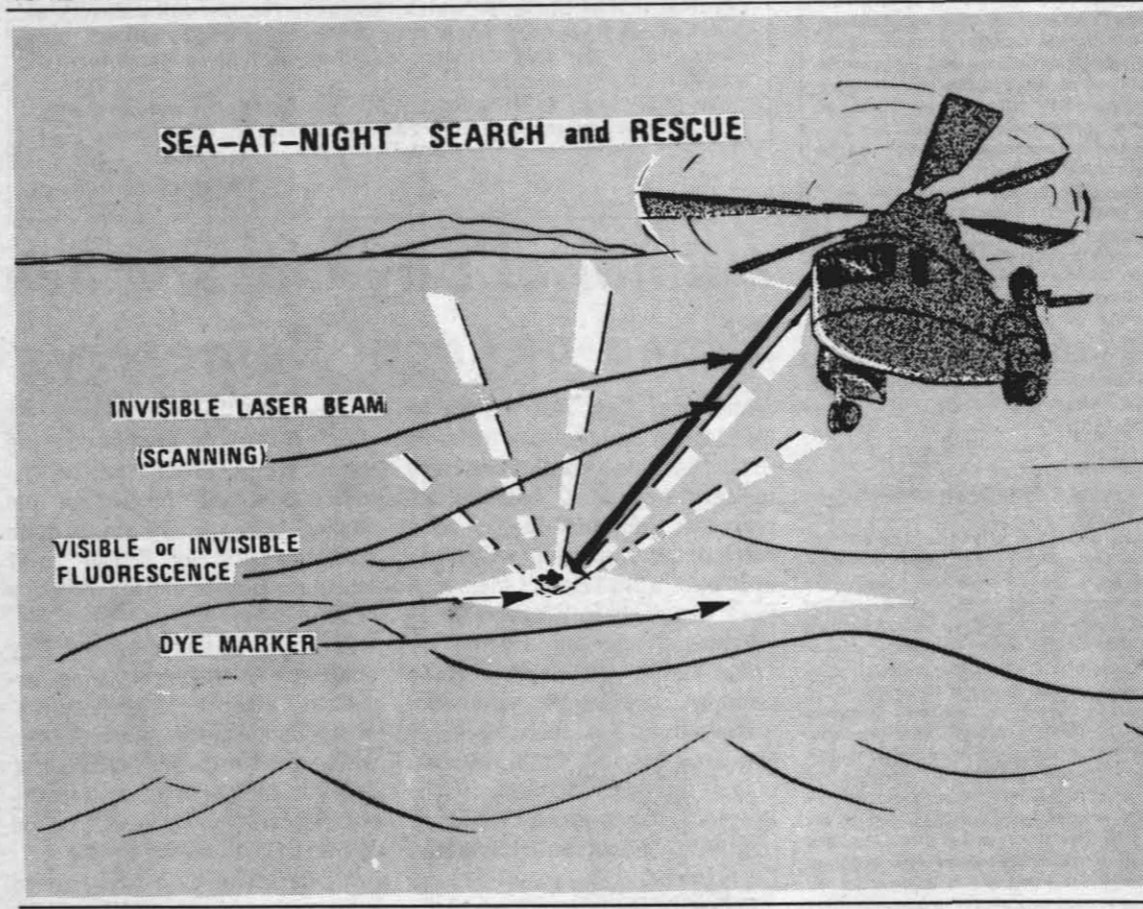
"MAGIC MACHINE" (16 Min.)

"MAGIC MACHINE" (16 Min.)



Naval Weapons Center
 China Lake
 California

Vol. XXVII No. 21



Night-time Air Search Operations Feasible With Sea Dye Marker

Tests currently being carried out at the Naval Weapons Center have given rise to the hope that the use of packets of sea dye marker, previously limited to daylight hours in air sea rescue work, can be extended to night-time search operations as well by putting a laser equipped helicopter aloft to look for downed airmen.

This latest development is the outgrowth of an independent research funded organic dye laser program that has been carried out by Dr. Richard S. Hughes, an employee in the Lasers and Electro-Optical Branch of the Systems Development Department's Technology Development Division.

During the past year, Dr. Hughes noted, the sea dye marker program has been funded by the Light Support Branch of the Naval Air Systems Command, and, in view of the progress that has been made, additional financial support is anticipated during the next fiscal year.

While tests were being run as a part of the organic dye laser program, it was found that fluorescein sodium salt (FSS), a fluorescent material that is contained in the sea dye marker, is an excellent organic dye laser material.

Every life vest and life raft contains packets or canisters of sea dye marker which fluoresces under the stimulus of sunlight. Such a dye marker is not now used at night because it isn't noticeably visible under search aircraft

flights. Downed pilots, knowing this, save their dye for daylight use.

Thanks to tests carried out here, however, it also has been found that the standard Navy sea dye marker when dissolved also fluoresces visibly in the yellow-green spectrum when illuminated at night by a nitrogen laser from distances up to about 400 ft.

This phenomenon shows promise as the basis for an airborne search and rescue system and also for a low altitude hovering aid. The latter is important because during night time search operations over water, helicopter pilots have very little means of visual reference. It should also be pointed out that the nitrogen laser beam is harmless to the eye at distances of more than 50 ft.

In recent weeks, simulated sea air rescue missions have been conducted at the Naval Weapons Center using an HH-1K helicopter equipped with a nitrogen laser and laser beam scanner. Flights were made over a large pond to simulate an area of the ocean marked by the sea dye.

During one such nighttime test, Cmdr. Van E. Spradley, pilot of the helicopter, hovered to allow FTM2 Fred Morin, operator of the laser, to locate the dye-covered pond with the laser. Following this, various pulse rates and laser scanning patterns were tried and, after four successful passes and re-acquisition of the pond, a simulated sea-air rescue mission was conducted.

(Continued on Page 3)

Chief of Naval Material Cites Key Role of Civilians in Navy

Views summarizing his philosophy regarding the mission and goal of the Naval Material Command have been received here in a tape recorded message—one of a series prepared by Adm. Isaac C. Kidd during interviews with Cmdr. Peter Hackus, USNR, a television newscaster.

In addition to taking this means of acquainting personnel throughout his vast command (which includes the Naval Weapons Center) with his thoughts on the significance of the civilian contribution to Naval operations, Adm. Kidd also is using this device to spread the word about changes and innovations that are being implemented at his direction.

Touched on during the interview by Cmdr. Hackus was the idea behind the "What Have You Done For The Fleet Today?" campaign. "The important factor here is that everyone in the Naval Material Command is a potential contributor to the welfare of the youngsters at sea in the Fleet or flying the aircraft above," Adm. Kidd stressed.

NWC Personnel Urged To Back Savings Bond Drive

Naval Weapons Center employees were urged to "take stock in America—'72, and at the same time in ourselves" in a joint statement issued by Rear Adm. W. J. Moran, NWC Commander, and H. G. Wilson, Technical Director, as a prelude to launching the 1972 U.S. Savings Bond campaign. The drive will be carried out here from May 30 through June 9.

Annually, a government-wide Savings Bond Campaign is conducted by the departments and agencies of the Federal Government to encourage the voluntary purchase of Savings Bonds through payroll deduction by civilian and military personnel in the Federal Service.

The Department of the Navy cooperates with the Treasury

in civilian clothes are the real continuity of the operation, and we're not only beholden to them, we're completely dependent on them. I'm determined to let them know that this is appreciated."

Cmdr. Hackus asked: "If there is a beef, does it get to you?"

"Yes, but perhaps not always," Adm. Kidd replied. "I'm comfortable that I'm getting the important ones and probably a large number of the minor ones. I hope I'm getting all such letters," the admiral added.

(Continued on Page 3)



TEST PREPARATIONS MADE—Fire Control Technician 2nd Class Fred Morin (at right) is shown adjusting the scanning mirror before a laser equipped helicopter is sent aloft on a test run. Looking on is FTM2 Barry Ridenour. During night-time simulated air-sea search tests conducted here, packets of sea dye marker dropped into ponds have been readily visible to the helicopter crew—thanks to the laser beam scanner.
 —Photo by PH2 G. L. Taylor



FIRST HOLY COMMUNION—Father Aquinas J. Smith, NWC Catholic Chaplain, is shown administering First Holy Communion to a group of 60 Catholic children during the 8:30 a.m. Mass last Sunday at the All Faith Chapel. Approximately 10 of the children underwent two weeks of special training for the ceremony, taught them by Confraternity and Christian Doctrine (CCD) teachers. The rest of the children were second graders, the usual age for First Holy Communion.

Bible School Workers To Meet

A meeting of all workers involved in the Junior High Ecumenical Bible School will be held next Tuesday at 7:30 p.m., in the NWC Chaplain's office. A general meeting for all those who plan to work in the Elementary Bible School will be held next Wednesday at 8 p.m. in the East Wing of the All Faith Chapel. Volunteers, especially couples, are needed for the Junior High program, and teenagers are wanted for the Elementary class-

ses. Those who wish to offer their services to the Junior High school are asked to call Yolanda Casados, at 446-2469, and Elementary class volunteers should call Jackie Renne, 446-2426. Tentative plans are under way for a new College Ecumenical session. The general topic will be "Mythology in the Bible?" The college classes will be held June 12 to 15 at 8 p.m. in the small chapel, and will be led by Father Aquinas J. Smith, NWC Catholic Chaplain.

Signups Continue for Bible School

Registration for the Ecumenical Bible School, scheduled to be held June 12-16 at the All Faith Chapel and the Chapel Annexes, is continuing following each worship service and Mass at the Chapel. Classes are planned for pre-kindergarten through sixth grades. In addition, a separate program for junior high school students is

planned. An enrollment fee of \$1 per child, or no more than \$3 per family (through sixth grade), plus a registration fee of \$1.50 per person for those attending junior high Bible sessions, will be charged. Persons who desire further information may call Chaplain E. C. Middleton, NWC Ext. 5233.

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 652, Extension 2649. Current applications (SF-171) or Standard Form 172 should be submitted furnishing 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 shall be made without discrimination for any nonmerit reason.

Clerk (Typing) GS-301-4, PD No. 7255054, Code 554—Performs a variety of clerical functions but predominantly program development and follow-up of materials and services. Other duties include some filing, typing, keypunching, timekeeping, answering telephones, operating xerox and ditto machines. Minimum Qualification Requirements: Two years clerical experience. Job Relevant Criteria: Experience with supply procedures, ability to keypunch and type. File applications with Joan MacIntosh, Code 657, Ph. 2371.

Clerk GS-301-3 or 4, PD No. 7140141, Code 40505—This position is located in the Bulldog Program Office of the Weapons Development Department. Incumbent performs detailed work associated with Program Office plans and budgets. Coordinates the preparation of and maintains the files for project presentation material, provides Program Office support in the maintenance and retrieval of project data including specifications, drawings, reports and manuals. Provides general clerical support to the Program Office. Job Relevant Criteria: Demonstrated ability as clerk-typist. Understanding of the terminology involved in planning and budgeting. Capability to work effectively with the detailed numbers and calculations involved in budgeting. Ability to deal effectively with people and perform well under the pressures of strict administrative deadlines. Minimum Qualification Requirements: In accordance with CSC Handbook X-118. Engineering Technician, GS-456-11, 12, PD No. 7240078, Code 4007—This position is in the CONDR Program Office, Code 40901. Incumbent will be responsible for planning, organizing, coordinating, analyzing Flight Test Programs involving the CONDR Missile System. He will also be responsible for the instrumentation design, fabrication and installation of an air-attack CONDR programs will include electro-optical, dual mode (radar) and turbojet flight testing. Job Relevant Criteria: Knowledge and experience with electro-optical and radar systems, flight test coordination, AEA aircraft systems, telemetry and instrumentation systems. Minimum Qualification Requirements: Four years general experience. Five years specialized experience. Promotion Potential: GS-12 based upon performance of full scope of duties.

Electronics Engineer, GS-455-12 or 13, PD No. 7240079, Code 4007—This position is located in the CHAPARRAL Program Office of the Weapons Development Department. The incumbent will be Project Engineer for design and development effort on Missile System Electronic Circuits. Incumbent will design and analyze both analog and digital circuitry utilizing computer programs. He will conduct technical monitoring of contractors development efforts. He will perform program planning and program management. He will plan, schedule, direct and report on test and evaluation of IR Weapon System components and sub-systems. Job Relevant Criteria: Must have a BS in electronics engineering and minimum of two years experience in circuit design and/or analysis. Experience as project engineer is desirable. Minimum Qualification Requirements: As defined in CSC Handbook X-118. File application for the above with Elizabeth Sodergren, Bldg. 34, Rm. 206, Ph. 2474.

Liquid Fuels Distribution Operator, WG-6954-09, JD No. 20, Code 2594—Performs and is responsible for work operations of a liquid fuel farm, relative to the physical receipt, storage, dispensing, quantity and quality control surveillance, safety procedures and precautions, accountability documentation, maintenance and upkeep of related equipment for the transfer of petroleum and cryogenic products. Minimum Qualification Requirements: Applicants must have had experience in the work operation of a liquid fuel farm including at least the physical receipt, safety procedures and precautions, and accountability documentation for liquid fuels and cryogenic products. Job Related Criteria: Experience demonstrating with the physical receipt, safety procedures and precautions and accountability documentation, quality control surveillance, and maintenance and upkeep of related equipment for the transfer of petroleum and cryogenic products. Rating will be on the basis of existing J elements standards in accordance with CSC X-118. Applicants may submit a supplemental experience statement. Forms can be picked up in Room 204, Personnel Department. Inspector (General Equipment A), WX-4965-45, JD No. 53, Code 25983—Performs inspection (Continued on Page 7)

Memorial Day Message to Armed Forces

This is the day on which we honor those who have given their lives in the Nation's defense. We pay special tribute . . . on this 104th Memorial Day . . . to those members of the Armed Forces who made the supreme sacrifice . . . to protect our freedom and that of other nations whose freedom is related to our security.

Let us pause to reflect on their courage and to recall our debt to them.

No one has better expressed the spirit of Memorial Day than did Abraham Lincoln as he eulogized those who fell at Gettysburg:

" . . . from these honored dead," Lincoln said, "we take increased devotion to that cause for which they gave the last full measure of devotion—that we here highly resolve that these dead shall not have died in vain—that this Nation, under God, shall have a new birth of freedom . . ."

We shall keep faith with our honored dead by our continued devotion to freedom which they cherished more than life itself.

Melvin R. Laird Secretary of Defense

Memorial Day Observance Slated at Local Cemetery

Memorial Day, which falls on Monday and is a holiday for most Civil Service employees and military personnel, will be observed in traditional fashion by a patriotic program that will begin at 10 a.m. at the Desert Memorial Park Cemetery in Ridgecrest. Principal speaker will be Lt. Cmdr. Dale A. Iverson, whose remarks will center upon the meaning and significance of Memorial Day. Lt. Cmdr. Iverson is the military assistant in the Program Management Division of the NWC Electronic Systems Department.

Following the presentation of the American flag by a color guard from the Naval Weapons Center, and by the representatives of various veterans and fraternal organizations that will be participating, the program will be opened with the invocation. In addition to listening to the speech by Lt. Cmdr. Iverson, the assemblage will be led in the singing of a medley of patriotic songs by Murray School vocal music students under the direction of Joan Moser. Highlight of the Memorial Day observance, which is being arranged by the Veterans Coordinating Council of East Kern County, will be a tribute to this nation's war dead in the form of a wreath-placing ceremony that will be led by local Gold Star Mothers.

A rifle salute by a firing squad composed of representatives of the American Legion, Disabled American Veterans, Marine Corps League and Veterans of Foreign Wars, and the playing of "Taps" will conclude this annual patriotic observance.

Picnic Planned at Sandquist Spa

A family picnic, planned as a fund-raiser by the Veterans Coordinating Council of East Kern County, will be held on Saturday, June 3, at Sandquist Spa. Those attending the picnic will be able to order either a sirloin steak dinner (donation \$3 each) or a hamburger steak meal (donation \$1.50). In addition to the meat course, the picnic menu will include baked potatoes, salad and vegetables. Soft drinks and other beverages also will be available, and tickets for the picnic can be obtained from members of any of the following veterans' organizations: American Legion, Disabled American Veterans, Marine Corps League and Veterans of Foreign Wars.

The event is open to the public and all proceeds are earmarked for use in support of the annual Memorial Day service that is conducted by the Veterans Coordinating Council.

The picnic is scheduled to begin at 10 a.m. and will continue throughout the day on June 3. There will be games with prizes for youngsters as well as volleyball and softball.

Memorial Day Holiday Weekend Hours of Operation

Table with 4 columns: FACILITY, OPEN MON., CLOSED SAT., and CLOSED SUN. MON. Lists various services like Fedco Service Station, Barber Shop, Pharmacy, etc., and their operating hours during the Memorial Day weekend.

Employee In the Spotlight

Bill Hattabaugh's life is based on responsibility. Measured by his work, his community contributions, his relationship with fellow workers and neighbors, Bill adds up to a warm, sincere human being who can be counted on to fulfill his role at China Lake.

He was born in Grangeville, Ida., and his family moved to Boise when he was two years old to make that city their home. Bill was graduated from Boise High School and entered Boise Junior College (now Boise State College). He was graduated from Oregon State University, at Corvallis, Ore., in 1953 with a BS in physics.

He entered the U. S. Navy and completed a five-month electronics school prior to being assigned duty aboard the USS Helena as an electronics officer. Bill served two years in the Navy and was honorably discharged in 1955.

He then went to work for the Douglas Corp. as an electronics engineer and worked in the avionics section. In 1966, he took a job with Hallamore Electronics, of Anaheim, Calif., and worked as a project engineer on several programs, including Titan and the Polaris Program for NOTS, Pasadena.

"That's when I first became aware of China Lake," Bill said. So in 1960 he joined the work force at China Lake in the Public Works Engineering Division. Bill was placed in charge of the Navy's contract for the instrumentation work on the Polaris missile, which was being done at San Clemente Island at the time.

"I was called the special electronic assistant to Public Works," he recalled. That job lasted two years.

In 1962 he moved to the Engineering Department as the associate head of the Electro-Mechanical Division. Then in 1966 he was named program manager for SHRIKE, in what is now the Weapons Systems Division.

Another promotion came in 1967 when Bill was selected to head the Product Design Division in the Engineering Department. "We formed the division at that time," he commented. He worked in that capacity until 1970, when he was awarded an NWC Fellowship to return to school.

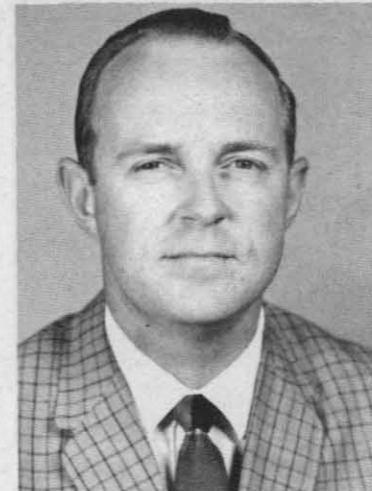
Bill attended the University of New Mexico and received a Master's Degree in public administration in 1971. He then returned to China Lake and was named chief engineer for the Engineering Department.

"Burrell Hays and I switched jobs," Bill said. "I took over as chief engineer and he took over Code 553."

In the past 12 years, Bill has received two Outstanding Performance Ratings and three QSIs. "Two of the QSIs came with the outstanding," he pointed out.

He also has received a Community Service Award from the China Lake Community Council, after serving on the council for five years, including a year (1963) as president. In addition, he has been a member of the Ridgecrest Community Hospital's board of directors since 1963 and was the president of that group from 1969 to 1971.

Hattabaugh fulfills his obligations to the Center in many other



William R. Hattabaugh

ways. He presently serves on the Center's Education Committee and is a member of the Design Review Committee. Bill also sits on the Recruitment Panel and is the technical coordinator for the contract under which Systems Consultants, Inc., performs systems effectiveness and reliability work for the Center.

He recently completed a stint as co-chairman (with Paul Cordle) on the staff functions committee and has served on many other ad hoc committees in the past.

In addition, he was a member of the Commissioned Officers' Mess Advisory Board from 1966 to 1968.

Bill married his high school sweetheart, Donetta, just prior to his senior year at Oregon State. The couple have four children—Cathy, 18, just completing her freshman year at Ricks College, Rexburg, Ida.; Cary, 15, a sophomore at Burroughs High School; Eric, 13 and Tim, 12 both students at Murray School.

The family enjoys camping trips and motorcycle outings to the mountainous regions surrounding China Lake. A great many of Bill's neighbors also own motorcycles and they get together on the weekends. "We go up to Kennedy or Monache Meadows," Bill said. "My two oldest sons have motorcycles and we really like to ride them," he elaborated. "However, I don't care too much for desert riding. The bike trails in the mountains are a lot more interesting," he added.

The family also has a lot at Payette Lakes, in Idaho, and Bill is purchasing another lot there with a cabin located on it. "We manage to spend three or four weeks each summer up there," he said. Bill enjoys fishing and gets his fill during the summer vacation.

Catbird Seat...

(Continued from Page 6) fine foundation to one day be known as a tradition at China Lake."

He expressed a desire to play again next year and wished the tournament well.

Fast Pitch Begins Play Tommy Mather hit a double and a home run Monday night to help Burt Galloway and Ace TV to win the season opener against Bud Eyre, 4-3, in the fast pitch intramural softball league. Bert Andreassen was the losing pitcher. Dave Taylor and Tom Hous hit homers for Bud Eyre in a losing cause.

In the second game, the Valley Merchants defeated A&L Tire, 5-2, behind the pitching of Billy Brown and the hitting of Mike Tosti and Gary Pottinger. Tosti and Pottinger went 2 for 3.

Contributions to Navy Relief Campaign Hit Total of \$4,319 at End of First Week



TELEVISION SET IS THIRD AWARD—A 21-inch RCA Victor color television set, which Virginia Lee Keyte, Miss Ridgecrest-China Lake, is displaying, will be awarded to a contributor on June 16, at the end of the current Navy Relief Fund Drive. Other incentive awards include the choice of a 1972 Vega GT Sportcoupe, a 19 ft. Nomad self-contained trailer, or a 1972 L.U.V. vehicle with camper shell as the first award, and the choice of a 125cc Suzuki motorcycle or two 50cc Suzuki mini-trailhoppers as the second award.

A total of \$4,319 has been collected in the Navy Relief Fund Drive as of Friday, May 19, according to Cmdr. R. C. Good, coordinator of the 1972 campaign.

"This far exceeds what we had hoped for in the first two weeks," stated Cmdr. Good. "Although participation is excellent," he continued, "we still have a long way to go."

Winners of the incentive prizes at the end of the first week were announced by Cmdr. Good. Fay Hoban was presented a 7x12 ft. carpet, donated by Ken's Carpet Co. of Ridgecrest, to top the first week's prizes.

Other donors who received awards were B. C. Ferguson, who was presented a pair of table lamps from Hamel's Furniture; Shirley Witt, who received a free front end alignment from Sumco Upholstery; G. D. Stowell, the winner of a shampoo and set by Frank's House of Beauty; G. F. Torbet, awarded a vase from Baker Brother's Furniture, and Robert Douglas, who received a \$3 gift certificate from Blount's Shoe Store.

Another batch of prizes will be distributed today. They are a 10-speed bicycle from Western Auto, a \$10 gift certificate from Mode O'Day, an Old Spice gift set from French's, a bottle of Taboo cologne from the Station Pharmacy, a painting from Hamel's Furniture Store, and an end table from Rizzardini's Furniture Store.

Grand prizes in the Navy Relief Fund Drive, put up as incentive awards are: (1) the choice of a 1972 Vega GT Sportcoupe, a 1972 L.U.V. (Light Utility Vehicle), with camper shell, or a 19 ft. Nomad trailer; (2) the choice between a 125cc Suzuki motorcycle, or two 50cc Suzuki mini-trailhoppers, and (3) a 21 inch RCA color television set.

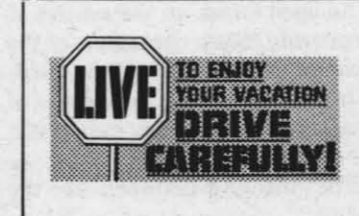
Prizes to be distributed on Friday, June 2, to contributors are: a bowling ball and bag, donated by the Ridgecrest Bowl; a \$10 gift certificate from Gill Lumber Co.; a \$10 gift certificate from Town & Country; a dart board from the Triangle Sport Shop; a bottle of Bravura cologne from Ship's Bell Jewelry, and a Dymo tape labeller, donated by K&R Maket.

Dr. Tschoegl To Speak At RESA Meeting

"A New Look at an Old Myth," a talk about the lost island of Atlantis, will highlight the spring dinner meeting of the China Lake Branch of the Research Society of America.

The dinner meeting, which is limited to RESA members and their guests, will be held Tuesday evening, starting at 7:30, at the Community Center. Tickets to the dinner, priced at \$4.75 each, can be obtained no later than today from Marvin Backman, John Carroz, Rod McClung, Don Moore and Andy Victor.

Guest speaker of the evening will be Dr. Nicholas Tschoegl, professor of chemical engineering in the Division of Chemistry and Chemical Engineering at CalTech, whose interests include archeology and ancient history.



The Rocketeer

Official Weekly Publication Naval Weapons Center China Lake Lake, California

Radm. W. J. Moran, USN NWC Commander H. G. Wilson Technical Director C. E. Van Hagan Head, Technical Information Department

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 1700 fulfills Sunday obligation Saturday 0790 0830 1115 Sunday

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

CONFESIONS 1545 to 1645 0800 to 0825 CCD CLASSES Kindergarten through 6th grades 1000 7th and 8th grades 1900 As announced 9th through 12th grades

JEWISH SERVICES Jewish Worship Services 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. EAST WING - ALL FAITH CHAPEL Friday 1st and 3rd ONLY Sabbath Services 1000 1000 to 1200 UNITARIANS CHAPEL ANNEX 95 Sunday Services 1930



PHI D.C. Manderscheid, PH3 E. R. Ortiz, PH2 G. L. Taylor, PH3 R. G. Mills, PH3 D. W. Yeatts

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 P25, revised July 1968. 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

Tennis Club's Spring Tourney Begins June 3

Local tennis buffs have only one week left to polish their backhand in preparation for the annual Spring Tennis Tournament, sponsored by the China Lake Tennis Club.

Play will be held on two weekends—Saturday and Sunday, June 3 and 4, and again on Saturday and Sunday, June 10 and 11.

The event will feature for the first time a novice division for youths under age 16.

An open division will feature match play in singles and doubles for both men and women, as well as mixed doubles.

An entry fee of \$1 will be charged all entrants who are not members of the Tennis Club.

Entry blanks may be obtained at the Special Services office, 77 Bard St.

Golf League Team Entries Due Today

Today at 4:30 p.m. is the deadline to file a team entry for the 1972 Intramural Golf League. League play will commence on June 6.

Team rosters are to consist of four golfers and two alternates, and all team members must be members of the China Lake Golf Club, who have an established SCGA handicap.

League play will be governed by the current USGA rules with the following modifications: A full handicap, single round robin, 9 hole match will be played with an 18 hole championship playoff if necessary.

A team captain's meeting will be held at the golf course clubhouse today at 4 p.m. All captains are requested to attend.

Entries may be submitted to the Special Services office, Ext. 3791.

Senn's Sneakers Grab First Place In Women's Softball League Play

Senn's Sneakers upped their record to 3-0 and tightened their grip on first place in the Women's Softball League by whitewashing the Sandpipers, 25-4.

Phyllis Nickolls turned in a sparkling performance at the plate, going 4 for 4 and knocking in four RBIs for the winners. Carol Hanson picked up the win.

The two-game winning streak of Continental Telephone was snapped by the J. D. gang, 26-19. The J. D. nine was paced by the

MDISL Tennis Team Gains Tie For First on Bob Castle's Play

The China Lake tennis team achieved greater heights than ever before when it attained a tie for first place in the Mojave Desert Inter-Service League (MDISL) annual tennis tournament held at Norton Air Force Base in San Bernardino May 19-21.

Outstanding play by Lt. Cmdr. Bob Castle in the singles event and by Castle and Jay Taylor in the doubles accounted for the high point standings, based on 1 point for each win.

Castle reached the semi-finals in singles, then lost to Marine Lt. Canfield, of 29 Palms, 7-6, and 6-4.

In the doubles, Castle and Taylor reached the finals before defaulting to the team from Los



CPO GOLDEN ANCHOR GOLF TOURNEY WINNERS—Jim Unger and Larry Boyd, (left), two active duty Chief Petty Officers, were the low net winners in the CPO Club-sponsored Golden Anchor Golf Tourney, held last weekend at the China Lake Golf Club. Max Smith, right, and his partner Bob Moore, (2nd from right) were the low gross winners, defeating Curt Bryan and Curt Overstreet in a sudden death playoff on the first hole. The tournament was highlighted by a hole-in-one on No. 6 green by John Emery, for which he received his choice of a \$2,500 automobile from the Ridgecrest Auto Dealers Association. —Photo by Jack Learned

Red Sox End First Half of Little League Major Division Season With No Losses

The Red Sox, coached by Dan Branson, finished the first half of the season in the major division of the China Lake Little League with a perfect 10-0 record.

Young Jess Moreno, clearly the outstanding pitcher in the league, won the final two games, giving up only three runs to the Giants in a game won by the Red Sox 25-3, and

three-run homer of Cheryl Dabs. As a result of this loss, the team from CTC was dropped into a tie for third place with the Bamboo Club.

The Bamboo Club team was led by the hitting attack of JoAnn Dunnick and Joan Levson as they bombarded the Saints, 25-0. Pat Brightwell handled the pitching chores for the Bamboo Clubbers.

In other play last week, the Roadrunners left the Pioneers in the dust, 20-13.

Anges Air Force Station. Both Castle and Taylor suffered injuries and had to withdraw.

Other point winners for China Lake were Dick Boyd and Bernie Wasserman, both competing in the singles.

Mountaineers To Talk to Newcomers

Carol Burge and Diane Lucas, members of the China Lake Mountain Rescue Group, will be guest speakers at the next meeting of the Newcomers Club, Tuesday, June 6.

The meeting will take place at the Immanuel Baptist Church, 201 Graff St., in Ridgecrest, beginning at 9:30 a.m.



In The Catbird Seat
By Jack Lindsey

Max Smith is a true champion. He is currently the club champion at the China Lake Golf Club for the second consecutive year.

This past weekend, playing in the CPO Golden Anchor Golf Tournament, partnered by Bob Moore, Smith riddled in a long birdie putt on No. 1 to win a sudden-death

playoff against Curt Overstreet and Curt Bryan for the low gross prize.

What is not general knowledge about Max is that he has had a bad left arm for the past couple of years and after 8 or 9 holes of golf the arm gives him so much pain that he has trouble controlling the flight of the ball.

He takes cortisone shots to help him and the rest he does on pure guts.

What a great tournament this was, too. John Emery, an employee of Code 1707 and a 14 handicap golfer, sank his tee shot on No. 6 Sunday to win his choice of a \$2,500 car from the Ridgecrest Automobile Dealers Association.

Don DeWitt, who instigated putting up a car as a hole-in-one prize, was ecstatic. "What a great thing to happen," he said.

DeWitt was playing in the same foursome as Emery and teed off just in front of the lucky golfer. According to witnesses, DeWitt hit one of the worst shots off of 6 seen all day. A dribbler, just off the tee and to the left, Emery then stepped up and canned his ace.

G. L. Barnard, manager of the CPO Club and host of the two-day tournament, was especially pleased when he learned that two active-duty CPOs, Larry Boyd and Jim Unger, won the tournament with a low net of 126. Boyd and Unger finished the first day one stroke off the pace with a net 64. On Sunday they tore the course apart, finishing with a net 62 and all the money.

The first day leaders were this writer and his partner Don Hiles. Things got rather murky out there on Sunday, but I swear the great party on Saturday night at the CPO Club had absolutely nothing to do with it.

We finished in fifth place, behind some really fine golfers. Bob Hooper and Tom Short grabbed second low net in a playoff against Dick Clay and Jay Dee Ward, who settled for third place. Bob Young and George Silberberg took fourth place and Joe Jones and his partner Ed Nelson finished in sixth place.

Rear Adm. W. J. Moran, NWC Commander, spoke at the moratorium held at the CPO Club Sunday and told the golfers present that "... two years is not enough to be called a tradition, but this golf tournament has certainly laid a

(Continued on Page 7)



NAF SPRING OLYMPICS TROPHY WINNER—ATC J. W. Andrew accepts the trophy for the Intermediate Maintenance Avionics Division, which won the annual Naval Air Facility Spring Olympics, held April 17 to 28 at NAF, from Capt. R. E. McCall, Commanding Officer of NAF. Approximately 250 NAF personnel competed in the athletic program. Events included a bicycle race, horseshoe pitching, a tug-of-war, volleyball, football throwing for accuracy and distance, a 1/2-mi. run, a 1/4-mi. run and 100 yd. dash, and skeet shooting. NAF Ground Support finished second and Ordnance personnel came in third.

Sea Dye Marker Tests Run...

(Continued from Page 1)

The first such run was evaluated as successful, even though the beam from the laser scanning device illuminated only one small part of the pond. The helicopter was traveling 200 ft. off the ground at a speed of 60 knots during this test.

On the second test run, the flight path of the helicopter was adjusted slightly to the east and Cmdr. Spradley, the helicopter pilot, indicated that "the pond just jumped up at him."

The simulated air-sea search test runs have been directed by Lt. Cmdr. John H. Milliken, Jr., and FTCS Richard T. Harmon, of the Weapons Control Branch (Code 3042), while FTM1 Earl Robertson, assigned to this same branch, has worked closely with Dr. Hughes.

Following further tests at NWC, the laser equipment will be taken to the Naval Air Station at Imperial Beach and used in tests over the water off San Diego.

The test equipment package consists of the laser, a laser beam scanner, a function generator, coolant assembly, nitrogen supply, power converter and mounting framework which takes up about 30 cubic feet space. Lt. Cmdr. Milliken reports that a much lighter and more compact package can be assembled for future applications and development projects than the present 600 lb. "laboratory" model.

The laser illuminated sea dye marker, he added, appears to be only the first of several potential applications which may be realized as an outgrowth of the NWC dye laser research project. Many uses both at sea and ashore can be foreseen, Lt. Cmdr. Milliken stated.

For example, he pointed out that lightweight, highly compact, foldout plastic panels impregnated with this dye would provide an inland search capability, while (for use at sea) lifeboats and rafts could be painted with it, smoke bombs could disperse a fog of it, and plastic wands could be impregnated with it during secure flight deck and under way replenishment operations when it is necessary to get along under minimum lighting conditions.

During this coming fiscal year, refinements to the existing system will be made which will increase its operating range and thus increase its search rate. Included in the refinements will be the use of an optically filtered low-light-line TV system. The latter system will be equipped with an audible alarm signal which will signal search and rescue personnel when the sea dye marker is detected. This a fully automatic search system will be provided for during fiscal year 73.

Capt. Wimberly Replaces Moore As Technical Officer at Center

Capt. Thomas C. Wimberly reported to China Lake last week to take over the duties of Naval Weapons Center Technical Officer.

He will replace Capt. Robert S. Moore, who will be leaving here on June 6 for Fort Douglas, Utah, where he will become the Director of Plans and Analysis-Deputy Commander.

The new NWC Technical Officer was transferred here from duty as Executive Officer of the aircraft carrier USS Hancock. Prior to 1 1/2 years in that assignment, Capt. Wimberly spent 14 months attending the Industrial College of the Armed Forces and was granted a Master's degree in business administration at George Washington University.

A native of Louisiana, he was graduated from Northwestern State College in Louisiana before attending Officer Candidate School at Newport, R.I., and received his commission as an ensign in the Naval Reserve in March, 1952.

Flight training followed and Capt. Wimberly earned his pilot's wings in June, 1954. His Navy career also included attendance at the General Line School in 1958 and at the Armed Forces Staff College in 1965.

After being designated a Naval aviator in 1964, Capt. Wimberly

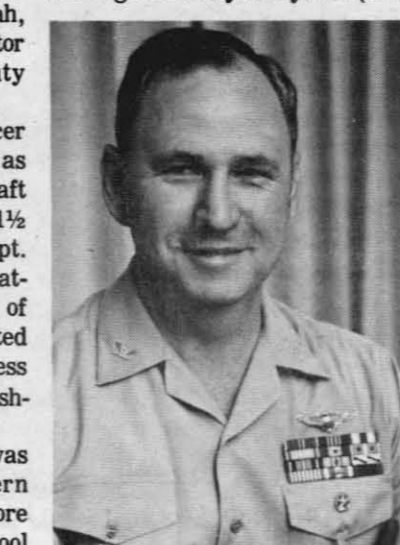
Savings Bonds...

(Continued from Page 1)

buted and additional information made available to the keymen and their assistants.

"A strong response to the 1972 Savings Bond Campaign will serve to promote and enhance the financial health and vitality of the national economy, and also will contribute significantly to the personal security and economic well-being of our Navy Department personnel," it was emphasized in the statement by the NWC Commander and Technical Director.

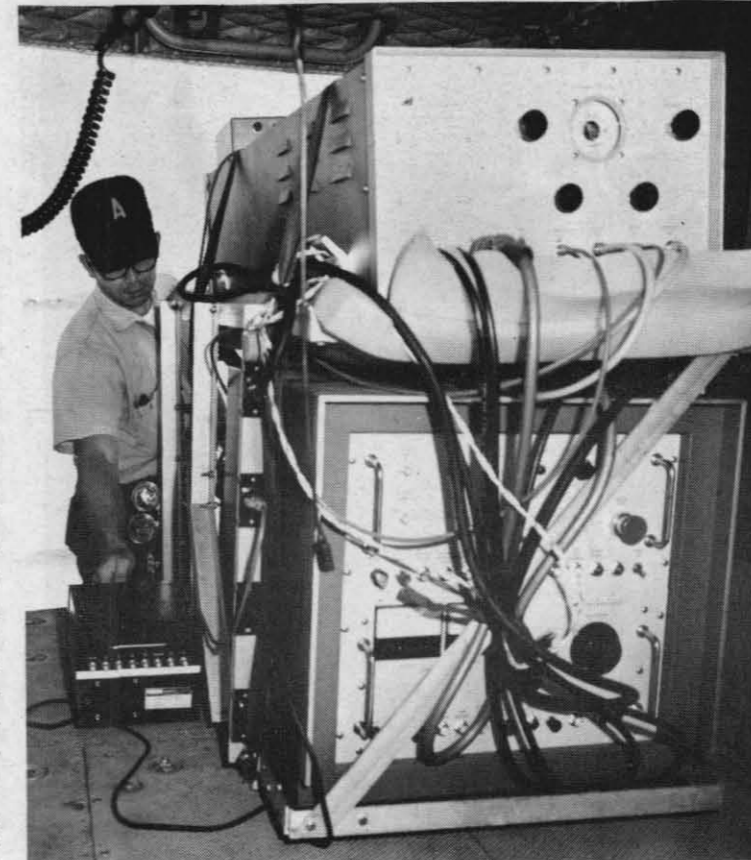
was assigned duty as a flight officer and operations training officer with Fighter Squadron 141 at the Naval Air Station, Miramar. Other flight duty has included serving for nearly two years (1962-



Capt. Thomas C. Wimberly (64) with Fighter Squadron 13 at Cecil Field, Fla., as maintenance officer, operations officer and executive officer, and duty from March 1967 to April 1969 as executive officer and commander of Fighter Squadron 74.

Capt. Wimberly and his wife, Guaynell, have four children. Their two sons, Thomas and John, are 13 and 10 years of age, and two daughters, Judy and Patricia, are 18 and 12 years of age.

Mrs. Wimberly and the children have remained temporarily in Concord, Calif., and will join Capt. Wimberly here this summer after school is out.



LAST-MINUTE CHECK—An adjustment to the laser's scanning mirror circuitry (black box) is made by FTM2 Fred Morin, who is standing on the left side of a helicopter in which this special test equipment package has been installed. The laser and laser beam scanner are packaged in the unit on top, while below it are the high voltage and control circuitry.

Civilians Vital to Naval Material Command...

(Continued from Page 1)

Later on in the interview, Adm. Kidd got back to this same matter when he commented: "We've got to be sure that these people who feel they have a message they wish to get across are deserving of help... and I feel an obligation to them to see that their situation is improved, if at all possible."

"Don't military officers dominate in spite of the number of civilians in the Naval Material Command?" the interviewer asked Adm. Kidd.

"Yes, I suppose they do from the civilian point of view, and numerically you're correct," the Chief of Naval Material replied, noting that "the odds will show the uniform side in most of the command jobs."

As a counter to that trend, however, he cited the example that can be found in the operation of Naval laboratories.

"The Navy has been trying to not only acknowledge, but give proper position and prestige to our prominent civilians. In our laboratories," Adm. Kidd pointed out, "we have created two billets that are co-equal. At the top we have a laboratory technical director who is a civilian scientist in charge, and we have a laboratory commander who may or may not be a scientist. He's a Naval officer who will introduce the requirement aspects of the at-sea operation experience."

It is his view, Adm. Kidd continued, that "we can certainly do

Trustees Authorize Call for Bids On Community College

Trustees of the Kern Community College District last week authorized district administrators to advertise for bids and adopt a wage scale for the construction of Cerro Coso Community College in Ridgecrest.

The above action was to be taken as soon as approved plans and specifications are received from the State Office of Architecture and Construction.

more of this and we probably should." When asked recently why there shouldn't be a civilian Vice-Chief of Naval Material, the admiral replied that there is no reason why this shouldn't be and predicted "maybe that day will come."

Asked what he would suggest be done by a staff subordinate who feels that his boss (military or civilian) is wrong.

"It all comes back to this business of morale," Adm. Kidd said. "We aren't going to accomplish anything if we don't have a pretty fair morale. If a fellow isn't sensitive enough to the needs of the people working for him so that he can recognize their feeling of a need for expression, then he's got to buck some of the appeals higher up—otherwise he's just in bad trouble right at the outset."

Asked about specific programs or changes in manpower matters that have been adopted since he assumed the post of Chief of the Naval Material Command, Adm. Kidd answered:

"I've introduced two new middle management forums to provide an opportunity for immediate access to me by a cross section of the ladies and gentlemen of the middle and lower pay grade groups who are, after all, the ones in the largest numbers."

"As a spin-off of that group, we now have a separate Equal Opportunity Group that meets with me regularly. They've chosen a principal spokesman who will be right on my staff."

"Interestingly enough," Adm. Kidd observed, "there has been quite some dialogue regarding where the best place should be for an EEO spokesman—whether he ought to be down at the level of the doers of the deeds, or in a personnel office, or whether he ought to be up in a staff position with immediate access to the Commander."

"I'm intrigued by the number of differing views on this matter among members of the EEO group," Adm. Kidd said while noting that he hoped to resolve this question shortly.

Tuesday Is Last Day To Request Absentee Ballot

Registered voters who expect to be absent from their election precinct on Primary Election day (June 6) have only until Tuesday to submit their application for an absentee ballot to the Kern County clerk's office.

Others entitled to an absentee ballot are registered voters who are unable to vote by reason of physical disability, or who live more than 10 miles from the nearest polling place by the most direct route for public travel.

In addition, voters who will be unable to go to their polling place on election day by reason of the fact that the tenets of their religion require their attendance at church or religious services on that day or otherwise prevent them from attending the polls throughout the day, also can obtain an absentee ballot.

Forms to use in applying for absent voter's ballots are at the county clerk's office and also are included on the reverse side of the voter's polling place cards which have been mailed to all voters with a sample ballot.

Asked to summarize in just one sentence his views on the performance of Naval Material Command civilian employees, Adm. Kidd said:

"I think they're absolutely superb people. I've tried to get to know as many as I can individually, but that's only a drop in the bucket compared to the total number," the Chief of Naval Material admitted.

"I've tried to engage in conversation a full range of civilian employees—from youngsters in clerical jobs to blue collar workers with cutting torches in their hands—and there isn't a one that I've come across who isn't a fine American."

"I think that, as a general rule, there is a lack of awareness on their part of the importance of their job, however small, to the well-being of the Fleet, and I think this is a terribly important responsibility of mine that we're trying to overcome."

"We may not be successful, but we're going to give it a go," Adm. Kidd emphasized in concluding the interview.

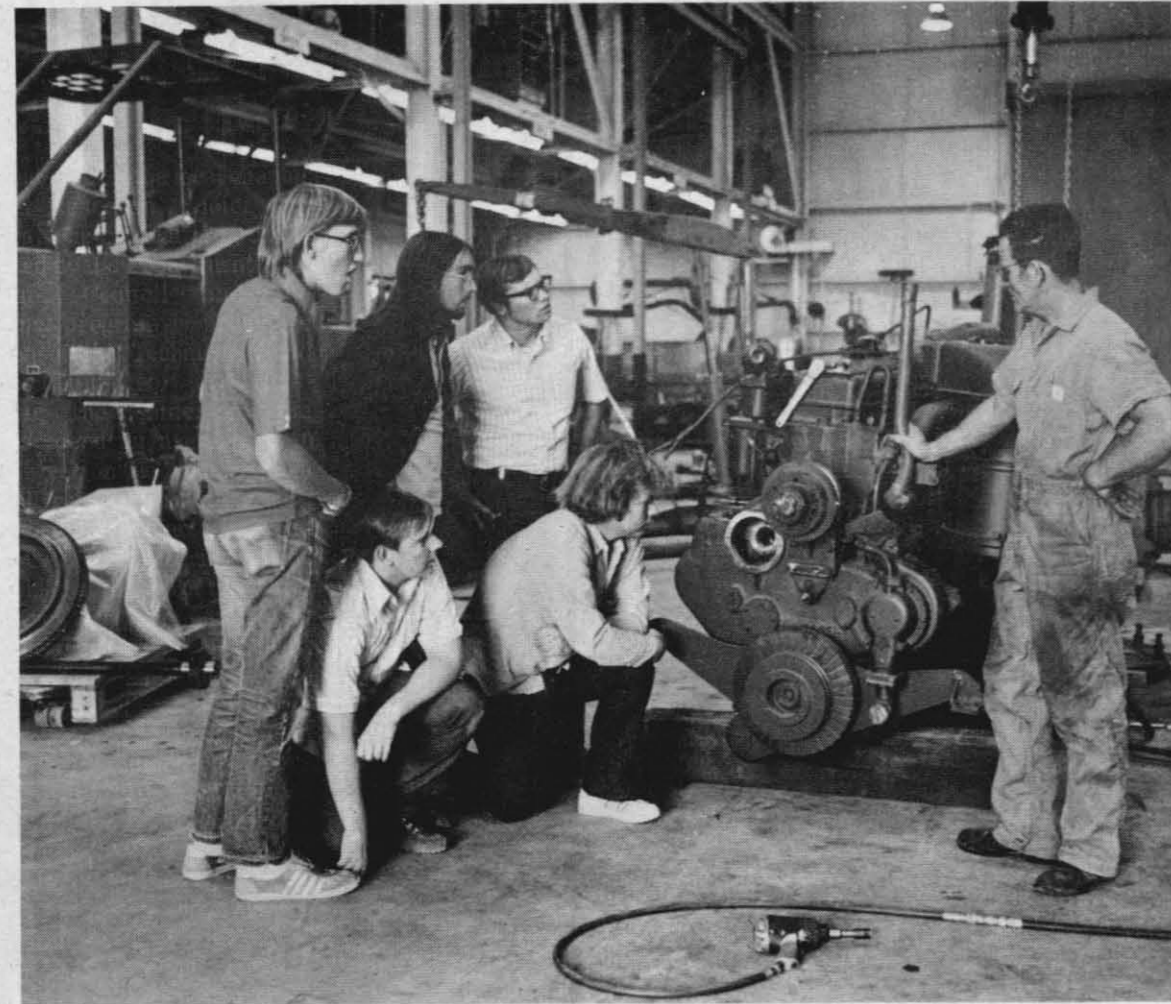
Meeting Called To Discuss Navy Exchange

A meeting for all military wives interested in the Navy Exchange operation at China Lake will be held at 10 a.m. next Friday, June 2, at the Chief Petty Officers' Club, with a luncheon to follow at 11:30.

Subjects to be aired will include desired changes in the Navy Exchange, better selection of merchandise, complaints that customers have voiced, and possible improvements that can be made.

The meeting will be conducted by Lt. Cmdr. Tom Quirk, Navy Exchange officer at Pt. Huene.

Those planning to attend the luncheon are asked to make reservations no later than May 31 by calling Mrs. Lori Boyd, at 446-4479, or Mrs. Anna Lee Henderson, 446-4884.



STAN EMBREE, Gordon Bevis, John Scriven, Joe Conway and Bill Thornberry listen as C. D. Lowe, of the Heavy Duty Shop in Public Works, explains the different parts of a large caterpillar diesel engine.

Burroughs' WEP Students Gain Valuable Experience

Fifty-nine junior and senior class students from Burroughs High School began work at the Naval Weapons Center in February under a valuable program designed to help them gain knowledge about future careers.

Called the Work Experience Program, this unique work-education aid provides top students with a learning opportunity of extraordinary value to gain experience in a practical working environment.

The program began in the 1955-56 school year when those taking part were detailed to only a laboratory program. Now the special educational means covers four specific areas—laboratory, clerical, administrative and vocational. In addition, this year food service and dental training have been added.

The program is coordinated at Burroughs High by Mike McGrath and on the Center by Alma Cowan, assistant head of the Command Administration Department.

The administrative program is sponsored by the Administrative Development Committee and the laboratory program comes under

the jurisdiction of the local chapter of the Research Society of America. The clerical program is supported by the Department Staff Assistant Council and the vocational program is under the direction of the Technicians and Artisans Committee.

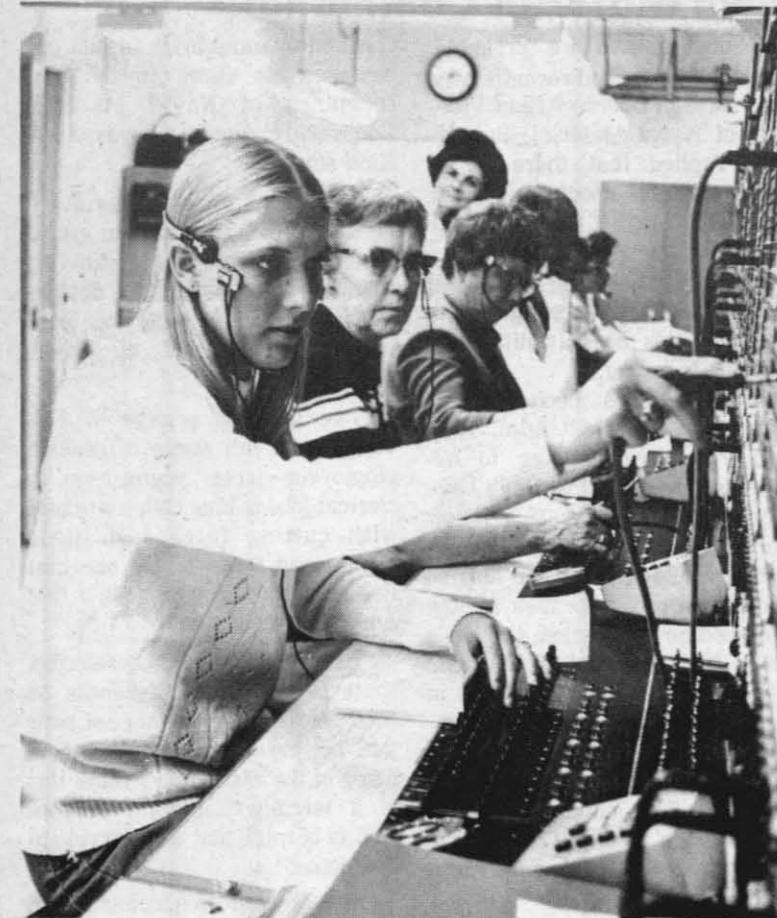
During the semester, the students spend an average of 10 hours a week on the job, for which they will receive one-half credit. The students are expected to write a critique of the experience they have gained at the end of the school year. They are then graded by their assigned teacher-employer, (the sponsor) and that grade becomes a part of their high school record.

This year, 40 different sponsors on the Naval Weapons Center are participating in the program.

Students involved this year are: Dan Rivers, David Washmuth, Joseph Conway, Gordon Bevis, Stan Embree, John Scriven,

(Continued on Page 8)

PHOTOS BY
PH2
E. R. ORTIZ



CLARICE BLANTON operates a switchboard at the Center's telephone building. Miss Blanton works under the supervision of chief operator Bernie Reeves and for Al Clelland, who is in charge of the telephone operation on the Center.



DON KEENE (standing) checks out motion picture film with a magnifier under the close scrutiny of Marty Shelton, head of the Film Projects Branch, TID.



DR. GARY HEWER, left, of the Applied Mathematics Branch, Mathematics Division, Research Department, trains Steve Carter in the use of a 9810A Hewlitt-Packard Calculator.



KAREN ROBINSON serves hot food to children at Pierce School. Mrs. Gene White is Karen's sponsor.



SANDRA EDWARDS is a switchboard operator. She works for Al Clelland, directly under Bernie Reeves at the Center's telephone facility.



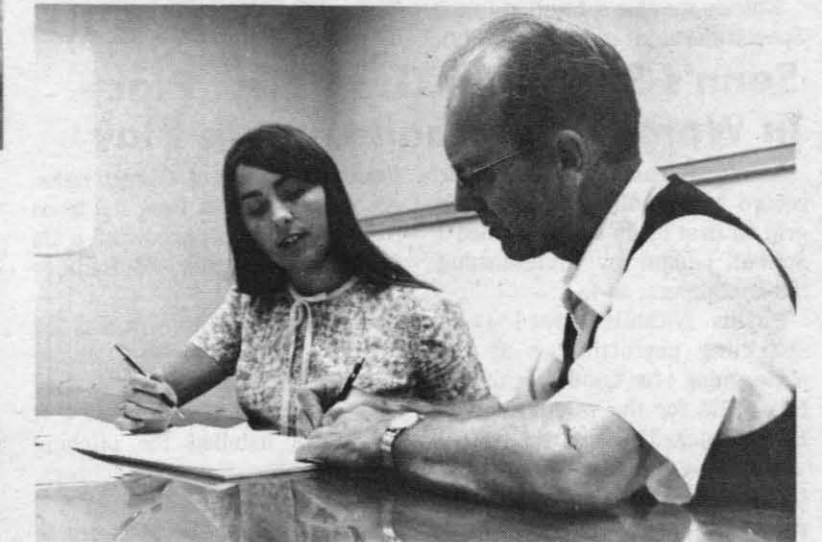
TIM MAHONEY, left, operates an automatic template burner under the supervision of Leo Carnahan, a welder in the Public Works Welding Shop.



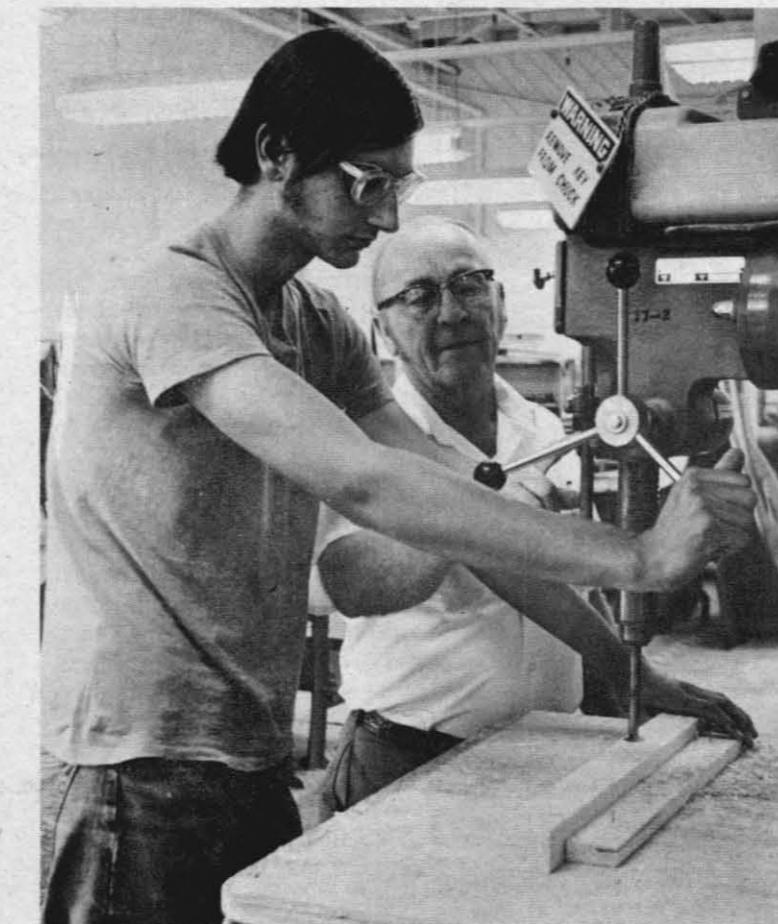
ERNIE FREOW, a leadingman foreman in the Structural Iron and Welding Group, checks out Mark Russell during the student's Work Experience hours in the Welding Shop.



RUSS HUSE, right, head of the Reports and Visual Arts Branch, (Code 3513), explains the missile launch capabilities of the F8 to Thomas Blaine in preparation for an illustration by the student.



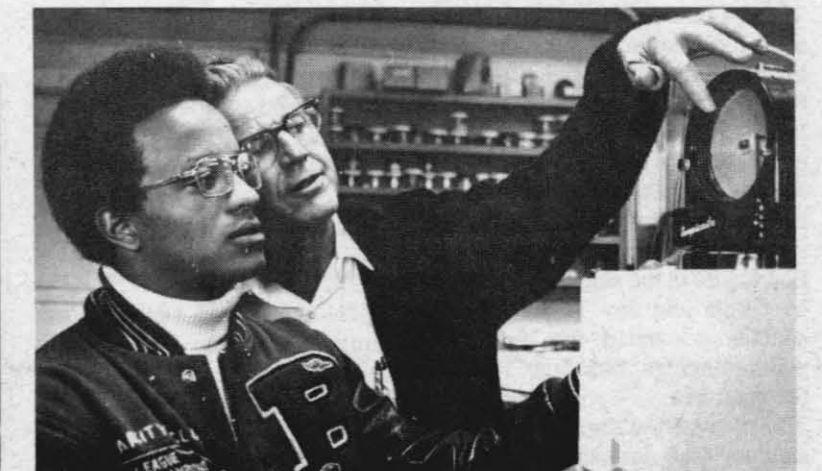
CHECKING THE results of a data run are Leonard Haugen, right, head of the Laser Control Branch, Infrared Systems Division, Code 4057, and Lorrie Preston, who is studying to be an assistant in the field.



DRILL PRESS operation is taught to Edgar Hillebrand, left, by Louis Steinhoff in the Public Works Department carpenter shop.



BILL THORNBERRY prepares to work on a caterpillar diesel engine in the heavy duty repair shop.



SANDY SMITH (foreground) and C. R. Mead, check a temperature recorder in the Air Conditioning and Refrigeration Shop. Young Smith is training to be a refrigeration and air conditioner mechanic.