

Lecture On Astronomy Set Tuesday

A free public lecture on astronomy will be presented at 7:30 p.m. Tuesday in the Panamint Room of the Community Center. The speaker for this lecture, which is sponsored jointly by the Alexander F. Morrison Foundation and the China Lake Astronomical Society, will be Dr. William J. Kaufmann, director of the Griffith Observatory in Los Angeles.

Dr. Kaufmann's lecture, which will include numerous film slide illustrations, is entitled "White Dwarfs, Pulsars and Black Holes - the Ultimate Fate of a Star." He will discuss what happens when a star (like the sun) uses up its fuel, explodes and then collapses to become a "white dwarf" - a dead, hot star about the size of the earth.

Slightly more massive stars explode much more violently and shrink to become "neutron stars" only a few miles in diameter. Such neutron stars are believed to be the source of recently discovered "pulsars."

On the other hand there are also stars more than twice the size of the sun's mass which explode even more violently and continue to shrink until they disappear entirely from the universe.

These invisible corpses are "black holes" where the pull of gravity is so great that not even light can escape.

During his lecture Tuesday night, Dr. Kauffman will tell how these stellar deaths occur and will explain how Einstein's theory of relativity predicts what goes on in such "black holes." In addition, he will discuss how the matter and energy in "black holes" may emerge violently elsewhere to cause exploding galaxies and "quasars."

Traps Set To Help Control Insect Pests

Into every life a little rain must fall - the rain that fell here this winter and spring was a mixed blessing, for spring filled with beautiful wildflowers has given way to a summer infested by insect pests.

The Kern County Department of Agriculture, in cooperation with both state and federal Departments of Agriculture, intends to control these pests through an extensive trapping program, now under way.

Traps for Gypsy moth larvae have arrived in the local area and are now dispersed throughout the communities of China Lake and Ridgecrest.

These traps are not harmful in any way to people, plants, or animals, officials of the County Department of Agriculture emphasize. They are intended to control the harmful Gypsy moth larvae (caterpillars), which attack and do great damage to a wide variety of trees and bushes.

In addition to the traps intended for Gypsy moth larvae, a lesser number of traps for the Japanese beetle and various fruit flies will be located in various spots around the community.

For further information, interested persons may contact the Department of Agriculture's Tehachapi office, located at 127 East F St., Tehachapi.



ENDS TODAY - Barbara Evert (left), Diana Martin (right background), and Linda Spahn help first graders with a craft project during the 1973 Ecumenical Bible School, which ends today. The five-day school was attended each day by more than 200 youngsters between the ages of 5 and 13. Four adult instructors were assigned to each grade level, and each class was assisted by one or two teenage helpers. In addition, four Catholic sisters, five enlisted military men, eight Burroughs High School students (recreation crew), and a refreshment crew of four adults and two teenagers, aided in the operation of the school. -Photo by PHAN Jerry Sizemore

Fulmers Singled Out for Recognition By Chapel's Protestant Congregation

Richard and Virginia Fulmer were honored recently by the Protestant Chapel for their work with the high school young people.

A "first-of-its-kind" plaque was presented with the inscription: "Dick and Ginny Fulmer - for loving Christian leadership, inspiration and untiring efforts on behalf of the young people of the Protestant Congregation."

The Fulmers came to China Lake 16 years ago as a young married couple and almost immediately became involved in work with the young people. For 15 years they have served as advisors for the high school youth fellowship.

During that time they have taken

the young people on back-pack trips into the Sierras for which they have had to plan, get assistants and work out all the other details. Yearly retreats have been held at conference grounds around the area.

Their work with the young people has meant being present for the weekly meetings year 'round or making arrangements with others to be there. Their influence on the young people is more than could ever be imagined.

The Fulmers met while working on the staff for Family Camps operated by the City of Los Angeles at Mammoth. Dick has a bachelor's degree in chemical engineering from University of Southern California and a master's

degree in engineering from UCLA. Ginny has an AA from Long Beach City College and attended UCLA.

They have both been active in work with the Cub Scouts. Dick is the cubmaster of Cub Scout Pack 341, which is sponsored by the Chapel. Both have held offices in the Gem and Mineral Society. The Fulmers have two sons, Douglas, 12, and Mark, 9.

Program Listed For Children's Movie Matinees

"Rebecca of Sunnybrook Farm," starring Shirley Temple, Randolph Scott and Jack Haley, leads the list of children's fare at the Center Theater during the NWC Youth Center's special summer matinees.

The 20th Century Fox film, which will be shown on Tuesday at 1 p.m., features Miss Temple singing and dancing her way into the hearts of a new generation of moviegoers.

To be shown at 1 p.m. on Thursday, June 21, is "Nothing But Trouble," starring Stan Laurel and Oliver Hardy. In this film they play a cook and butler to a young king. The comical pair get mixed up in international intrigue and are accused of kidnapping, but manage to make everything come out all right, with plenty of laughs in between the drama.

Admission to the matinees is 30 cents per person. NWC theater tokens will not be accepted.



WINS THIRD PRIZE - Word was received earlier this week that the ROCKETEER placed third in the 1972 Federal Editor's Association Blue Pencil Awards contest. The local newspaper was entered in Category 20, for newspapers published a minimum of four times per year. Don Yockey, editor, is shown with the certificate issued by the FEA. The particular issue entered in the competition was the Oct. 13, 1972, 12-pg. edition which featured the full-page drawing of VAdm. W. B. Moran, published on the occasion of VAdm. Moran's departure from the Center to his present post in Washington, D.C. The ROCKETEER was in competition with similar publications in the Federal government from all over the world. -Photo by PHAN Jerry Sizemore

SHOWBOAT

MOVIE RATINGS
The objective of the ratings is to inform parents about the suitability of movie content for viewing by their children.
(G) - ALL AGES ADMITTED
General Audiences
(PG) - ALL AGES ADMITTED
Parental Guidance Suggested
(R) - RESTRICTED
Under 17 requires accompanying Parent or Adult Guardian
CS - Cinemascope
STD - Standard Movie Screen
Regular starting time - 7:30 p.m.
Matinee - 1 p.m.

FRI. 15 JUNE

"ESCAPE TO THE SUN" (106 Min.)
Laurence Harvey, Josephine Chaplin (Drama) An attempt to hijack a plane to freedom fails for a group of persecuted Soviet Jews. Ex-war hero and pilot John Ireland, disgraced author Jack Hawkins, displaced person Lila Kedrova and Prof. Peter Capell and wife, all receive severe punishment with Ireland and Capell being sentenced to death. (PG)

SAT. 16 JUNE

"GUNS OF THE MAGNIFICENT SEVEN" (106 Min.)
George Kennedy, James Whitmore (G)

"I NEVER SANG FOR MY FATHER" (92 Min.)
Melvyn Douglas, Gene Hackman (Drama) A searching story of conflicts within a family based on the long-running Broadway play. (PG)

SUN. & MON. 17-18 JUNE

"THE HEARTBREAK KID" (106 Min.)
Charles Grodin, Cybill Shepherd (Comedy Melodrama) Lenny and Lila have just been married and are on their way for a Miami honeymoon. While there, Lila gets a bad sunburn and is confined to her hotel room, while Lenny takes to the beach alone. There he meets sexy young Kelly who is visiting with her rich parents from Minnesota. He falls for her, and decides to divorce Lila. (PG)

TUES. & WED. 19-20 JUNE

"THE EFFECT OF GAMMA RAYS ON MAN-IN-THE-MOON MARIOLDS" (101 Min.)
Joanne Woodward, Neil Potts (Melodrama) Joanne Woodward is a widow and the mother of two daughters. She is a bit down on her luck, and makes no real effort to improve her lot. As the film progresses, Miss Woodward decides to make an appearance at her daughter's award granting ceremony at the high school, when she finally does, she is an embarrassment to everyone. The film ends on a note of hope. (PG)

THURS. & FRI. 21-22 JUNE

"JORY" (97 Min.)
John Marley, B. J. Thomas (Western) Fifteen year old Jory and his father arrive in Santa Rosa, N. A., looking for work. Jory witnesses the senseless killing of his father. The killer later pushes Jory away. In a frantic effort to protect himself, he strikes the man with a rock, killing him. He then joins a horse drive. The horse drive goes on into Texas, where he learns they've walked into the middle of a full-scale range war. (PG)

CONCERT BY GOSPEL PIANIST CANCELLED

A concert at the All Faith Chapel, originally scheduled for the afternoon of Sunday, June 24, has been cancelled, it was announced this week by Chaplain R. E. Osman.

Rudy Atwood, Gospel pianist, will be unable to be here on June 24 as previously planned.



Naval Weapons Center
China Lake
California

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Local Area Road Work Plans Cited

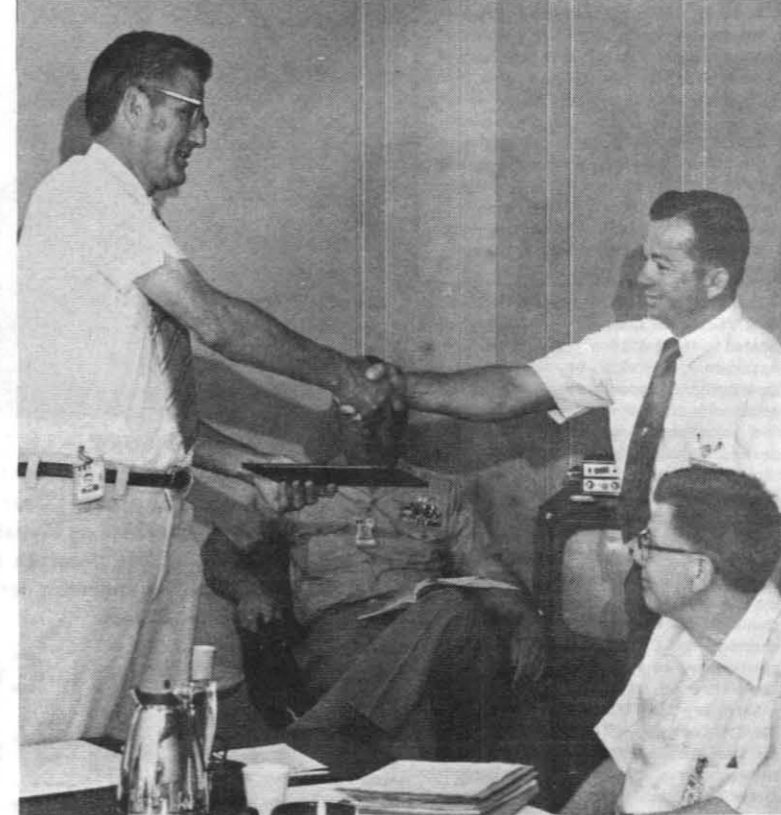
A discussion on current and future plans for highway improvements in the Indian Wells Valley and throughout the local desert area highlighted a recent meeting of the Indian Wells Valley Community Safety Council.

A special guest at the meeting was C. E. Chitty, district planning engineer for the California Division of Highways' office in Bishop, who informed Safety Council members that advertising for bids on the proposed construction of a bridge at the intersection of Highway 395 and State Route 178 (Inyokern Rd.) will commence in July.

"Construction, which will take approximately one year, should begin sometime in September," Chitty predicted. The bridge, which will carry State Route 178 traffic up and over Highway 395, will have on-off ramps for northbound and southbound traffic.

Chitty stated that plans are ready for the construction and that the money has been budgeted. "We only need to open the bids, choose a contractor, and work will start," he added.

Chitty, who attended the meeting at the request of Safety Council members, also was questioned at length on various other problems associated with highways, driving habits, bicycling, the new road



CONGRATULATIONS IN ORDER - Loyd C. Moore on Monday became the second recipient of the newly-established Technical Director Award, which was presented to him by Dr. W. B. LaBerge. Looking on in foreground as the award was presented during the NWC Technical Staff meeting is Dr. Ivar Highberg, head of the Engineering Department. -Photo by PHAN Jerry Sizemore

Tech Director Award Presented for Work On Sparrow Missile

The second presentation of the newly established Technical Director Award took place Monday morning during the Naval Weapons Center's Technical Staff meeting.

Singled out to receive this special honor in recognition of an outstanding technical accomplishment was Loyd C. Moore, an electronics engineer in the Improved Missile Branch of the Systems Development Department's Surface Weapons Division.

Moore, who was transferred to China Lake from the Corona Laboratories of the Naval Weapons Center in 1970, was involved in the Bulldog missile program before being moved over last year to assist with the Sparrow missile phase of the Anti-Ship Missile Defense program.

He was selected for the award due to his efforts related to last

Friday's successful demonstration of the vertical-launch Sparrow missile. The award, which was presented by Dr. W. B. LaBerge, NWC Technical Director, consists of an engraved paperweight, a letter of commendation and a \$200 stipend.

The vertical launch Sparrow feasibility program was initiated to satisfy the need for a missile system capable of being stored and launched from a vertical position. This was deemed necessary in order to provide operational flexibility and advantages which will result in a more effective overall Navy Fleet defense posture.

The objectives of this program were to vertically launch the Sparrow missile from a fixed (Continued on Page 3)

Phone System Change To Go Into Effect Mon.

Effective on Monday, the second step in the automation of the Center's telephone system will be placed into practice.

For dialing off-Center from any NWC extension, or calling any 446-number, users must dial 99 to get a dial tone, then dial the number desired.

Telephone users whose extensions begin with the numerals 4, 5, 6 or 7 must first dial 9, and then the four numbers desired when placing an on-Center telephone call, unless they are dialing an extension which begins with the same first number as the telephone they are using.

Persons whose extensions begin with the numerals 2 or 3 need only dial the four numbers of the extension desired to reach any other extension. (Continued on Page 4)

Navy Lends Helping Hand With Searles Valley Water Problem

A water problem can cause difficulties at any time of the year in this desert area, but when it's summertime and such a problem occurs, that spells real trouble - unless there is a friendly neighbor like the Naval Weapons Center to call upon for assistance.

Last Friday, NWC officials received and promptly responded to a request for help from the Searles Domestic Water Co. in Trona.

Mechanical failure of one of the pumps used to lift water to a storage tank above the community of Pioneer Point had caused this tank to run nearly dry - a situation that would have left more than 400 homes without water had it not been for the help that was provided by the Navy.

Upon learning of the emergency, a semi-truck pulling a 3,000 gallon tanker was dispatched from the NWC Public Works Department's Heavy Transport Section.

While the Searles Domestic Water Co. had an ample supply of water, its problem was that it couldn't get it into the storage tank at Pioneer Point - and that's where the Navy tanker truck provided an invaluable service.

When Jeff Blanche, truck driver from the NWC Public Works Department, arrived at the scene at around 12:30 p.m. Friday, it was discovered that it would be impossible to drive the tanker truck with its load of water up the hill to the nearly dry storage tank.

This problem was surmounted by bringing out a fire truck and forcing under pressure uphill into a nearly dry storage tank. (Continued on Page 3)

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AE3 Summey Singled Out As 'Bluejacket of Month'

Aviation Electrician's Mate Third Class Jeffrey D. Summey, of Air Test and Evaluation Squadron Five, has been selected as June's "Bluejacket of the Month" from the Naval Weapons Center.

Summey, who works in the VX-5 Electric Shop, is single, and

at Orlando, Fla., and then attended basic electrician's school at Jacksonville, Fla.

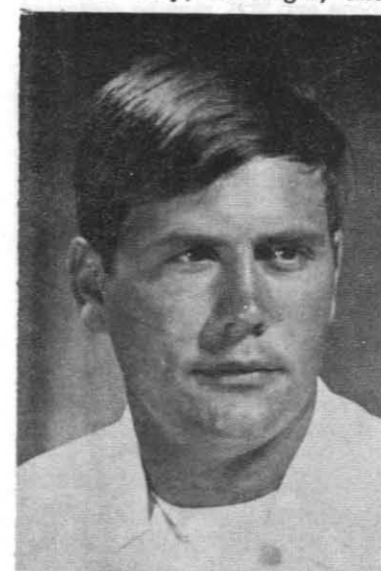
Following his graduation from the in-service school, Summey was transferred to Lemoore Naval Air Station to receive more training. In August 1972, he came to China Lake.

As a result of his selection, the young Navyman will be treated to an all-expenses-paid weekend in Bakersfield by the Greater Bakersfield Chamber of Commerce, sponsors of the monthly "Bluejacket" program.

AE3 Summey will receive a hospitality packet containing free gift certificates and discount coupons from Bakersfield merchants who participate in the goodwill program, and while in that city he will receive his room and meals at the Casa Royale Motor Hotel.

Prior to departing the local area, Summey will be provided the use of a new Ford automobile for the trip from the Desert Motors Ford agency, in Ridgecrest.

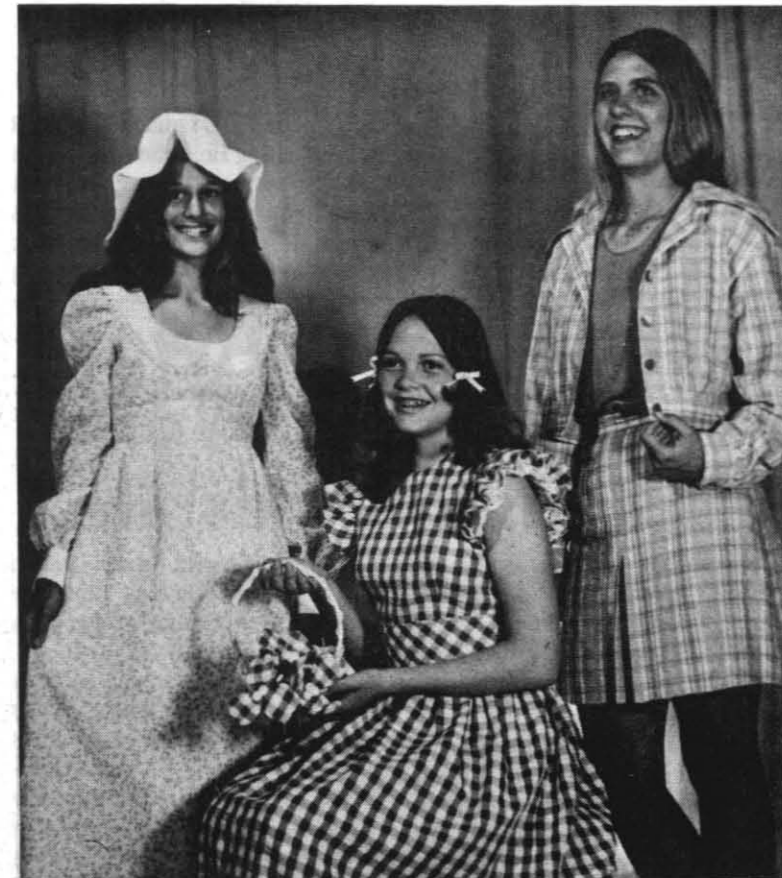
Summey has one consuming passion - golf. Presently a three-handicapper on the local links, Summey competes on the VX-5 (Continued on Page 3)



AE3 Jeffrey D. Summey resides in the squadron barracks. The Newman, Ga., native, who now calls Ocala, Fla., his home town, entered the U.S. Navy following his graduation from Forest High School, in Ocala, in August 1971. He took his boot camp



EMERGENCY AID PROVIDED - A helping hand in alleviating a water supply problem was provided last Friday by the Naval Weapons Center in the Pioneer Point area of Searles Valley. Water hauled by the Navy tanker truck (in background) was drawn into a fire department pumper truck and from it forced under pressure uphill into a nearly dry storage tank. -Photo by PHAN Jerry Sizemore



TOP HONORS WON — The three girls shown above took top honors in the Kern County Dress Review, held recently in Bakersfield. Members of local 4-H Clubs, the girls are modeling the clothes they made for the competition. They are Mary Kay Mathes (seated), and standing (l.-r.) Kathy Earle and Bruna Pannuto. Miss Earle placed among the top 25 per cent of eighth graders, and Misses Mathes and Pannuto each received a charm bracelet disc from the Simplicity pattern company for finishing among the top five girls in Kern County in the senior division.

PROMOTIONAL OPPORTUNITIES

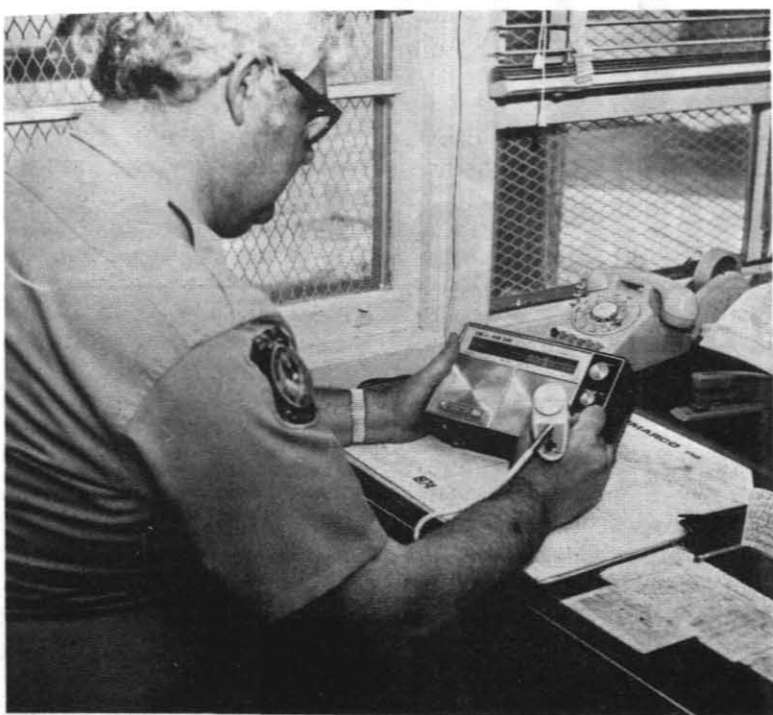
Applications for positions listed in this column will be accepted from current NWC employees and should be filed with the persons named in the ad. All others desiring employment with the Naval Weapons Center may contact the Employment Division, Code 652, Extension 2049. Current applications (SF-171) or Standard Form 1972 should be submitted bringing your work history up to date if one has not been submitted within the last 6 months. The fact that positions are advertised in this column does not preclude the use of other means to fill these positions. Part of the ranking process of those rated as basically qualified will be a supervisory appraisal form that will be sent to the employees present and most recent previous supervisor. Selection shall be made without discrimination for any nonmerit reason.

Test Mechanic (EOE) WG-6465-11, JD No. 5-11, 2 Vacancies, Code 4531 — This position is located in the Ballistics Test Branch, Quality Assurance Division of the Propulsion Development Department. The incumbent works with and handles rocket motors, liquid and solid explosive and related ordnance devices. Makes test set-up, operates ordnance rated handling and lifting equipment, and assembles plumbing systems for use with high pressure hydraulics and gases. Job Relevant Criteria: Must be physically capable of handling ordnance devices weighing up to 50 pounds, in a safe conscious manner and able to work in outside weather conditions. Minimum Qualification Requirements: Experience as specified in CSC Handbook X-118C. This position may be attained through successfully completing an on-the-job training program.

Secretary (DMT), GS-3184 or 5, PD No. 7045024, Code 4905 — This position is secretary for the Missile Test and Evaluation Administration, Propulsion Development Department. Incumbent will work from rough draft, handwritten copy or dictating unit, all types of letters, memorandums, program plans and reports. Miscellaneous duties will consist of answering phones, placing and receiving long distance calls, receiving visitors, arranging for travel, maintaining control records on incoming documents and correspondence, and other duties required to maintain an efficient office such as typing of procurement stubs, filing, distribution of contractor reports. Job Relevant Criteria: Incumbent must be proficient in operating an IBM Magnetic Tape Selectric Typewriter (MST) and magnetic tape dictating unit and have a working knowledge of chemical and engineering terminology, and propulsion terminology. Minimum Qualification Requirements: GS-4: Two years general experience, GS-5: Two and one half years general and six months specialized experience as described in CSC Handbook X-118.

Supervisory Audio-Visual Production Specialist, GS-1071-12, PD No. 7345064, Code 4531 — The incumbent of this position will be the head of the Documentation Branch, Engineering Division, Propulsion Development Department. The incumbent determines and establishes the methods of presentations to be used for the department's reporting policies. The functions of the group as directed by the incumbent are to develop technical film reports, documentary films, visual presentations, illustrations, and technical reports needed to present graphic information on the department's technical programs and facilities. Job Relevant Criteria: The incumbent must have good general knowledge of technical work done by the department; knowledge of methods and techniques used in the field of technical documentation; ability to understand projects involving advanced scientific principles; conceptual ability to discuss all phases of documentation and presentation technology with engineers and top management. Knowledge of writing, editing, and preparation of technical and

(Continued on Page 7)



ANTI-THEFT MEASURE — Lt. E. J. Roy, day shift commander for the NWC Police Division, demonstrates the electric pencil engraver available for loan as part of "Operation CODE," a program to mark driver's license numbers on valuable personal possessions. A tenant may participate in this program by visiting the police station and checking the engraver out for a period of one week to mark his or her own portable valuables. —Photo by PHAN JOE DUNN

'Operation CODE' Helps In Tracing Stolen Goods

You return from your summer vacation and your TV set's gone—someone has broken in and stolen it. Well, tough luck, the police can't trace down a standardized item like that, right? Wrong.

The China Lake Police Division is now implementing a program that will not only help them recover stolen personal property more easily, but will discourage theft in the first place. Called "Operation CODE" (Check on Disappearing Equipment), the program discourages theft and burglary by providing a way to engrave the owner's driver's license number on valuable portable items.

Any China Lake resident wishing to participate in Operation CODE may check out an electric pencil engraver for the period of one week from the police station on Halsey Ave., near Lauritsen Rd. Such persons also are given two decals to post on the windows of their homes stating a warning that this household has completed the marking operation.

The tenant then engraves his driver's license number on such possessions as tools, radios, TV sets, tape recorders, clocks,

cameras, guns, musical instruments and sporting equipment. The number should be marked where it can easily be seen, on the chassis of a TV set, for example.

A listing sheet, also available from the Police Division, should be kept by the tenant stating the location of the marking on each piece of property.

Once such items are marked, recovered stolen goods are immediately traceable to the owner, thieves will have much greater difficulty disposing of marked stolen items, and the marking plus the prominently displayed window stickers may discourage thieves from breaking in at all.

The success of Operation CODE is dramatically illustrated by statistics from Monterey Park, Calif., where this idea originated in 1963. Of the 4,000 families who participated in the program only three have since been burglarized. In the 7,000 non-participating homes there have been more than 1,800 burglaries. Ironically, many householders did not request the service until they had already been burglarized.

The China Lake Police Division, phone ext. 3323, may be contacted for further details on this program.

PROMOTIONAL OPPORTUNITIES

(Continued from Page 2)

scientific material. Minimum Qualification Requirements: As specified by CSC Handbook X-118.

Clerk-Typist, GS-322-3 or 4, PD No. 7345069, Code 4544 — This position is located in the Exploratory Development Branch, Conventional Weapons Division, of the Propulsion Development Department. Incumbent performs clerical duties for the branch. Major duties include typing reports, letters, and technical articles; maintaining records; scheduling appointments; receiving visitors and telephone calls. Incumbent is responsible for time keeping and sorting and distributing incoming mail. Job Relevant Criteria: Must be a qualified typist. Demonstrated telephone reception skills and experience typing administrative and technical subject matter. Minimum Qualification Requirements: As defined in CSC Handbook X-118.

Electronics Technician, GS-856-7, 8 or 9, PD No. 7345068, 2 vacancies, Code 4531 — This position is located in the Ballistics Test Branch, Quality Assurance Division of the Propulsion Development Department. The position is in support of testing rocket missile systems and explosive warheads. Scope of work includes set-up, operating, and maintaining control and electronic instrumentation systems required to obtain and record ballistics data. Fabricates necessary electronic/electrical conditioning systems as required. Must be familiar with tape recorders, oscillographs, conditioning equipment, transducers, and associated electronic test equipment. Job Relevant Criteria: Applicants must have a knowledge of fire control systems and hard-line data instrumentation techniques used with electro-mechanical transducers, pulse X-ray, and photographic acquisition. Incumbent will perform field set-ups as well as central room duties. Minimum Qualification Requirements: Appropriate education and experience as specified in CSC Handbook X-118.

Engineering Technician, GS-802-7, 8 or 9, PD No. 7345067, Code 4531 — This position is located in the Ballistics Test Branch, Quality Assurance Division of the Propulsion Development Department. The incumbent will be concerned with the operation and maintenance of the Air Augmentation Test Facility at T-Range. Primary duties are: a) the acquisition of a working knowledge of all subsystems and instrumentation of the test facility, and its interfacing with test hardware; b) the implementation of a preventive maintenance program to assure availability of the facility for testing; c) assisting in the setup and conducting of tests, including basic understanding and operation of data acquisition instrumentation. The work will also involve assistance in the design of specialized equipment for test and facility hardware; the making of shop drawings and coordination and followup of hardware fabrication. In addition, the incumbent will at times modify or fabricate parts for test hardware, piping systems, valves, heaters, pumps and machines in the facility. Job Relevant Criteria: Applicant must have a minimum of two years experience and familiarity with reading and making engineering drawings. Basic understanding of electronic instrumentation desirable; course work in engineering or mathematics desirable. Minimum Qualification Requirements: Appropriate education and experience as specified in CSC Handbook X-118.

File applications for above with Linda Grossman, Bldg. 34, Rm. 204, Ph. 2925. Electronics or Mechanical Engineer, Physicist or Mathematician, GS-9, 11 or 12, PD No. 7340086, Code 4093 — This position is located in the Missile Systems Analysis Branch, Electro-Optical Systems Division of the Weapons Development Department. As a member of a team of specialists that are responsible for the design, simulation, and analysis of missile systems, the incumbent participates in digital and analog simulation activities of the branch. He operates and maintains the branch's digital simulation programs, writes new digital simulation programs and integrates and operates hybrid computer equipment. Job Relevant Criteria: Demonstrated digital programming and computer utilization skills, and analog computer experience. Minimum Qualification Requirements: As defined in CSC Handbook X-118.

File applications for the above with Elizabeth Sodergren, Bldg. 34, Rm. 206, Ph. 2676. Structural Iron Worker, WG-3807-10, JD No. 2181, Code 70422 — Incumbent works from blueprints, sketches and specifications. Performs structural iron work on repairs, maintenance, alterations and improvements on all types of buildings, cranes, maintenance equipment and Center testing facilities. Minimum Qualification Requirements: Rating will be on the basis of the appropriate J-Element Standard in accordance with the CSC Handbook, X-118C.

Motor Vehicle Operator, WG-3703-04, JD No. 333, Code 70782 — Incumbent drives sedan, pickups and carryalls to transport personnel and/or small items. Occasionally operates gasoline or diesel powered vehicles with gross vehicle weight up to 24,000 lbs. more, including dump, stake, van truck trailer, and passenger bus with a capacity of 20-45 passengers. Also include are 2 1/2 and 5 ton vehicles with power take off lift capability. Minimum Qualification Requirements: Rating will be on the basis of the appropriate J-Element Standard in accordance with the CSC Handbook, X-118C.

File applications and supplemental forms for above with Carol Downard, Bldg. 34, Rm.

212, Ph. 2371. Electronics Technician, GS-856-4, PD No. 7357014, Code 5713 — Incumbent will perform the duties of a trainee necessary to operate, calibrate, maintain, and construct complex electronic systems and equipment such as plotting boards and digital/analog computers in the GS-1 Range Control System, the Baker Range System, the Charlie Range System, and the Coso Range System. Job Relevant Criteria: Knowledge of basic electronic principles; Ability to assist in operation electronic equipment used for tests conducted on the aircraft ranges. Ability to assist in the fabrication of various electronic subsystems. Minimum Qualification Requirements: 1 1/2 years of general experience and 4 months of specialized experience as defined in CSC Handbook X-118.

File applications for above with Pat Gaunt, Bldg. 34, Rm. 212, Ph. 2514. Clerk-Typist, GS-322-3 or 4, PD No. 7317039, Code 171 — Incumbent will provide secretarial and clerical services to the Weapons System Cost Analysis Division of Central Staff. The function of the division is to provide an in-house weapon system cost estimate capability. Incumbent will perform the full range of normal secretarial and clerical services. Minimum Qualification Requirements: As outlined in X-118. Job Relevant Criteria: Ability to independently perform the duties of a secretary.

Program Analysis Officer, GS-345-14, PD No. 7317040, Code 171 — Will serve as head of the Weapons System Cost Analysis Division being established to provide an in-house weapon system cost estimating and validating capability. Incumbent will report functionally to head of Central Staff. The division will develop cost analysis methods, collect cost data, assist Centers programs and projects in the preparation of cost estimates, validate cost estimates, maintain records and maintain liaison with the cost estimating community. Minimum Qualification Requirements: As defined in X-118. Job Relevant Criteria: (a) Knowledge of weapon system cost analysis methods and recent experience in applying this methodology.

File applications for above with Mary Morrison, Code 457, Rm. 210, Ph. 2393. Firefighter, GS-801-5, PD No. 7284014, Code 842 — This position is located in the Fire Division of the Security Department. Major duties include driving and operating structural pumps, and any type crash fire trucks; responding to ambulance calls as either driver or attendant; inspection of Center's buildings and property; and conducting training classes for trainee firefighters. Minimum Qualification Requirements: As defined in CSC Handbook X-118. Job Relevant Criteria: Elements defined in article XX Section 3p of agreement between Naval Weapons Center and Local No. F-32 International Association of Firefighters.

This announcement will be used to establish the promotion register for Firefighter GS-801-5B, which will remain in effect until Dec. 1973. Mechanical Engineer, GS-930-7-9-11, PD No. 7350038, Code 505 — This position is located in the Product Engineering and Fleet Support Branch, Electromechanical Division, Fuze Department. The function of this branch involves responsibility for product engineering, evaluation, production and Fleet support of guided missile fuzes, safety and arming devices, fuze contact devices and destructors. The incumbent designs and develops electromagnetic devices. Engages in engineering



SHRINER TO VISIT — Walker S. Kissleber, potentate of Al Malaikah Shrine Temple, will pay an official visit Saturday evening to the Desert Shrine Club. The China Lake Community Center has been reserved for the occasion, which will begin with a social hour at 7 p.m., followed by a dinner and colorful Shrine ceremonies at 8. The potentate's visit will mark the formal introduction of the Desert Shrine Club's 1973 officers, headed by Richard D. Lewis, of Inyokern, as president.

Employee In The Spotlight



Bernice Robinson and applied for the test.

At the age of 77, Bernice Robinson is contemplating a new career. Even more amazing is the fact that her new vocation will be the fourth in her lifetime.

About to retire from a Civil Service career that began in 1950 as an editorial clerk at the Naval Ordnance Test Station, Pasadena Annex, Bernice is considering working as an editor in the psychic field.

"One thing about it, I won't be inactive," she said.

Bernice began work as an apprentice for Rumford Press, a publishing house in Concord, N.H., prior to World War I. While employed there she met her husband, Leland Robinson, who was working at a bank in Concord.

When the United States entered WWI, Robinson joined the Army and was posted to Newport News, Va. "He wanted me to join him there because he was in a 'Casuals' outfit, and it looked like he would be stationed there for some time," Bernice said.

Bernice told her husband to find her a job ("Jobs were scarce then") and she would join him, so he approached the owner of the Newport News Daily Press-Times Herald. "He agreed to hire me if I could write and if the circulation of his newspaper went up," Bernice pointed out.

Limited Experience "The only writing I had ever done was love letters, in longhand, but my husband told him I was a good writer. I suppose I was...to Lee," Bernice mused.

She got the job and kept it until one day, on a whim, she joined the Women's Army Corps. "Lee had been transferred to an ammo dump where I couldn't join him, so I enlisted."

In what was, perhaps, an omen of the future, Bernice took the enlistment oath with her hand on a dictionary. "There wasn't a Bible available," she explained.

The WACs were an interesting outfit, and different, according to the youthful-appearing Bernice. "We did Butts' Manual of Arms with broomsticks," she said.

Following the conclusion of the war, the Robinsons returned to Concord, and both went to work for Rumford Press—Leland as a pressman and Bernice back to her old job of editing. "I worked primarily on Harper's Bazaar, but I also worked with other magazines and books," she said.

During this period of their lives, the Robinsons had two children—Leland, Jr., and Constance. "Leland is a computer consultant, working in Northern California, and Constance and her husband run a summer resort at Lake Winnepesaukee, N.H.," Bernice said.

Worked on Newspaper

"I've worked all my life, except when the children were small," Bernice pointed out. She and her husband retired from Rumford Press in 1948 and came to California where they took up residence in Pasadena. "I was bored, so I freelanced for the Pasadena Star News for a while," Bernice explained. She worked for the newspaper for two years, then one day, while browsing through the library, she saw a Civil Service announcement for writer-editors,

"I took the test, then my husband and I left on a country-wide sightseeing trip," Bernice said. When they returned in 1950, Bernice found a notice offering her a job at the Pasadena Annex. She took the position.

Transferred to Corona In 1954, she moved to China Lake and in 1955 transferred to the Naval Ordnance Lab at Corona. Two years ago, after Corona closed, she came back to China Lake.

"After closing out the Editorial Branch and Division at Corona, Bernice transferred to the Technical Information Department's Publishing Division, where she continued her excellent performance record in editing difficult reports for the Fuze Department," said Chet Crierder, former head of the branch.

Added Responsibility "She also assumed the responsibility for updating the bibliography of Corona reports, which meant going through countless documents and recording them, to give libraries all over the country current information on fuze technology," Crierder pointed out.

"We will greatly miss both her fine talent and gracious smile," the branch head concluded.

Although she will eventually be working again, Bernice plans to spend a lot of time with her children, six grandchildren, and seven great-grandchildren.

Membership in the NCOA is open to veterans who received an honorable discharge upon completion of their military duty if they served as non-commissioned officers with the rating of E-4 through E-7 (buck sergeant and above in the Army, Air Force or Marines or third class petty officer and above in the Navy).

NCOA Meeting Called in Effort To Get Members

A meeting, called for the purpose of building up membership in the Non-Commissioned Officers' Association, will be held at 7 p.m. Monday at the Ridgecrest Elks Hall, 201 E. Church St., Ridgecrest.

Membership in the NCOA is open to veterans who received an honorable discharge upon completion of their military duty if they served as non-commissioned officers with the rating of E-4 through E-7 (buck sergeant and above in the Army, Air Force or Marines or third class petty officer and above in the Navy). Bill Hagen, chairman; Bill Thorpe, vice-chairman, and others will be present to explain the advantages of NCOA membership to all those who attend Monday night's meeting.

SecNav Issues Notice of Pending Change in Retirement Eligibility

Notice has been received from the Secretary of the Navy that legislation is pending which, if approved, will permit the immediate retirement of any Department of Defense employees who meet either of the following requirements: Attainment of age 50 and completion of 20 years of creditable service, including five years of civilian service; or regardless of age, has completed 25 years of creditable service, including five years of civilian service. This eligibility will be in effect for 60 days following enactment of the proposed legislation. The basic life annuity rate, for retiring employees under age 55, is reduced two percent a year for each year he is under age 55. The established annuity rate will not be increased when the annuitant reaches age 55. Further information will be published if and when the legislation is approved.

The Rocketeer

Official Weekly Publication Naval Weapons Center China Lake Lake, California RADM. Paul E. Pugh NWC Commander Dr. W. B. LaBerge Technical Director C. E. Van Hagan Head, Technical Information Department



DIVINE SERVICES

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

ROMAN CATHOLIC MASS 1700 fulfills Sunday obligation 0700 0830 1130

BLESSED SACRAMENT CHAPEL MASS Daily except Saturday 1135 First Friday only 1135 1700 CONFESSIONS 1545 to 1645 0800 to 0825 CCD CLASSES Sunday Kindergarten thru 4th grades 1015 Wednesday Seventh and 8th grades 1900 Above classes are held in Chapel Annexes across from Center Restaurant. As announced Ninth thru 12th grades "In Home" Discussion Groups Monthly Youth Rallies Contact Chaplain's Office for specifics.

JEWISH SERVICES EAST WING—ALL FAITH CHAPEL Friday 1st and 3rd ONLY Sabbath Services 2000 Saturday Sabbath School 0900 UNITARIANS CHAPEL ANNEX 95

DEADLINES: Tuesday, 4:30 p.m. Photographs Wednesday, 3:30 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 1956. Office of Nimitz and Lauritsen. Information published in the Rocketeer does not necessarily reflect the official views of the Department of Defense. Phones 3354, 3355, 2347 Sunday Services 1930



TO ATTEND MUSIC CAMP — Scholarships that will enable them to attend Arrowbear Music Camp from June 17 to 30 have been provided for nine aspiring young musicians by the China Lake Music Parents Club. The young musicians, all students at Murray School, and the instruments they play are (seated, from left) Glenda Davis, clarinet; Debbie Magaron, trumpet; Annette Mathes, clarinet; and Susie Backman, trombone. Standing are (from left) Sharon Ellis, flute; Janet Crawford, cello; Liz Knemeyer, oboe; Sherri Davis, clarinet; and Valerie Keith, violin. The scholarships, in the amount of \$105 each, were raised by the Music Parents Club through community support of such fund-raising activities as bottle drives, a book sale and the operation of a candy sale booth at the WACOM bazaar.

Circumambient Peripheralization

By Leo Rickmers

The Jess Moreno controversy rages on. Last Friday, another letter was received by The ROCKETEER from a writer who stated that she doubted Moreno was "capable of winning a game single-handed."

"Even Sandy Koufax used a catcher," she said. Quoting from the little article on Moreno that caused so much controversy: "Backed by some adroit fielding and timely hitting . . ." "I think it is clear that Moreno also needed help."

Another point of contention with the writer is that not enough space on this paper is allotted to Pony/Colt League. Since I began on this job, there have been articles concerning the need for adult help; about tryouts; opening dates; games, and the one about the no-hitter. Additionally, a recent column indicted parents and coaches for harassing high school age umpires.

"Little League gets more coverage, but that's because the league is bigger," I'm often told. The truth is, that the China Lake Little League is blessed with people who are interested enough to compile a set of scores and highlights so that a newspaper article can be written.

I contact Dick Drake, president of the Pony/Colt League, each week for reports. He has posted notices in the scorekeeping building asking that I be called with results. My wife will relate how I spend several nights each week at my desk typing, and how we stay up until 11:30 p.m. because I wait on reports from four different softball leagues, volleyball, four divisions in Little League, or any of the 15 other sports that occur simultaneously on this Center.

To think that one person could personally cover all of these events (and still stay married) is absurd. So, what the Pony/Colt League needs is one of the more verbal fans to phone in league reports to me.

Finally, about Moreno's no-hitter, for what I hope is the last time. Many people think there were several — repeat, several — hits recorded as errors. I suggest that anyone interested in clarifying the situation read that section of the Official Rule Book that pertains to scoring of errors by a fielder.

I was at THAT particular game and saw nothing played that could legally be construed as a hit.

That boy's performance, and the performance of his team, deserves to be left untainted by those few adults who think they know more than the official scorekeeper.

For, after all, where is the whole sport without somebody who makes decisions?

Special Services Seeks Writer

O. A. "Gabe" Imer, head of the Command Administration Department's Special Services Division, is seeking applicants for the job of sports publicist.

The vacancy will occur the end of this month when Leo Rickmers, presently fulfilling the job, will leave the China Lake area to return to his home in Dallas, Tex.

Pony/Colt League Pancake Feed Set Saturday

The annual Pony/Colt League pancake breakfast will be held tomorrow from 7 to 11 a.m. in front of Fazio's Shopping Bag Market in Bennington Plaza.

Co-sponsored by the league and Fazio's, all proceeds of the breakfast will go to help support the league.

Dick Drake, president, has issued an urgent plea for all those persons interested in seeing a continuation of Pony/Colt League baseball in this area, to attend and give their support.

Sausage, pancakes, orange juice and coffee will be served. Price of the breakfast is \$1.

Dodgers Get Hot! Regain 1st Place

The Dodgers went on a hitting spree to gain a piece of the Major Division lead in China Lake Little League action last week. On June 6, the Dodgers demolished the Yankees, 19-8, and followed this win with a 26-9 romp over the Red Sox on June 8.

Continuing their winning spree, the Dodgers destroyed the Tigers, 25-9, on June 11.

The Hideaway softballers dropped Desert Motors' team, 11-0, behind a 4-hit shutout pitched by red-hot Billy Brown, during Fast Pitch League softball action at Reardon Field last Monday evening.

In the nightcap, Bob Dixon hit two home runs, one of them a grand slammer, as VX-5 came from behind to drop Texas Instruments, 22-10. Ron Shiers, Tony Cozzucoli and Dan Rivers all homered for the losers.

In last week's Fast Pitch League action, Doc Walton scattered 11 hits by the VX-5 Vampire batters to lead Desert Motors to a 14-6 rout of the Vamps. The second game of the evening saw JD's bounce the TI squad, 8-3.

Chuck Beatty won the men's singles competition this past weekend as the second half of the China Lake Tennis Club-Special Services Division tennis tournament came to a close.

Ruth Smith took the women's singles; Dick Boyd and Roy Miller teamed to claim the men's doubles, while Ruth Smith and Janie Cleaves combined to garner the women's doubles crown.

Mrs. Smith then teamed with Miller to capture first place in the mixed doubles event.

Slow Pitch Results

The NAF team's 22 to 12 win over Supply's contingent, last Monday, kept them in the thick of the Slow Pitch Softball League race. It was a close game until the final inning, when the Sailors scored 9 runs to rout Supply.

The second game of the night saw Oly's Rollers slide by the Dispensary nine, 17-12, despite Todd Mitchem's perfect 5-for-5 night at the plate.

In an extremely tight race, Communications is tied for first place with The James Gang. Each team has won 6 and lost 1.



ANGELS WIN — Jimmy Means, of the Angels, hustles for first base as Ernie Shephard, of the Cubs, awaits a throw. The Angels won the contest, 8-4, as Ernie Bell smashed a grand slam home run—the first of the year for the Indian Wells Valley Pony League. In other League games, the Indians slammed the Yankees, 20-4, the same evening (June 11), while on the following night the Braves dropped a game to the Orioles, 17-3, and the Reds whipped the Tigers, 16-7, in another slugfest.

NWC Sports Notes

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Norton No Show

A scheduling foul-up by the Norton Air Force Base Recreation Department resulted in cancellation of last Saturday's softball game between Norton and the NWC Varsity team.

According to Marty Denkin, athletic director, the twin-bill will be played on July 14 at Reardon Field.

Much credit should go to Al McDonald, chairman of the event, and his group of workers, and to Jim Runchey, a tireless bookkeeper, who kept things on an even keel. I didn't win a thing, but look out next year!



By Jack Lindsey

Larry Gire and Jim Heflin combined to take the top prize in the annual CPO Golden Anchor golf tournament, held June 2-3 on the local links. This deadly duo won the 1971 Invitational golf tournament and gave Bobby Kochman and Vince Villa a run for the roses in the 1972 event.

Gire and Heflin shot steady rounds of 62-62 (net) both days to take the crown. For their efforts they were awarded gift certificates that are good for merchandise at the local pro shop—always handy to purchase golfing supplies.

Chris Peterson and Keith Becker, Bob Young and George Silberberg, and Frank Sima and Frank McElfish tied for second place with net scores of 125. Sima and McElfish fired a 61 on the final day, which was the low net score for the day.

This was a great tournament. George Barnard, manager of the CPO Club, not only competed in the event, but put on a spread for the contestants unequalled by anything he has done before.

Festivities on the two days of the tourney were heralded by the golfers as "fantastic," and little niceties such as a roving cart (driven by Pat McDonald) full of ice-cold refreshments, and a smorgasbord after the tournament, made this one of the best golfing events of the year.

Much credit should go to Al McDonald, chairman of the event, and his group of workers, and to Jim Runchey, a tireless bookkeeper, who kept things on an even keel. I didn't win a thing, but look out next year!

BAT-NAF Game To Aid Navy Relief

A fun-filled softball game between teams composed of officers representing the Naval Air Facility and Air Test and Evaluation Squadron Five (VX-5) has been scheduled this afternoon starting at 4 o'clock at Schoeffel Field.

At stake in this, the fourth BAT-NAF challenge tilt, will be a beer keg trophy. Admission to the game, which is open to all interested persons, will be by the purchase of a Navy Relief fund drive ticket.

Capt. D. W. Alderton, NWC Deputy Commander, and Capt. T. C. Wimberly, Technical Officer, have volunteered their services as umpires for the game, while Cdr. H. W. Alexander, assistant Technical Officer, will handle the duties of keeper of the mug.

The latter will be stationed at second base where he will dispense liquid refreshments to the base runners as they reach or pass that point.

Each team has agreed to contribute \$50 to the Navy Relief fund drive for the pleasure of participating in this game.

The Cardinals are undefeated in four games and lead the standings in the Indian Wells Valley Colt League after two weeks of play. The Mets are tied with the Giants for second place with two wins and two losses each.

Cards Undefeated In Colt League Baseball Action

The Cardinals are undefeated in four games and lead the standings in the Indian Wells Valley Colt League after two weeks of play. The Mets are tied with the Giants for second place with two wins and two losses each.

The Dodgers, who have been blanked in four starts thus far this season, bring up the rear. This year the IWW Pony-Colt League has adopted the practice of naming a "player of the week."

Scott Richardson, third sacker for the league-leading Cardinals, was named to that honor for the first week of play, and pitcher Don Gallaher, also of the Cards, was picked for the second week.

L.C. Moore Wins Award...

(Continued from Page 1) The jet vane control unit was designed principally by Mike Jacobson, an aerospace engineer employed in the Systems Test Branch of the Propulsion Development Department's Propulsion Systems Division.

Three employees, Bill Bailey, William R. Morrow and Les Mayer, all under the direction of Joe Reese in the Weapons Control Branch of the Code 30 Technology Development Division, were involved in design of the fire control system for the vertical-launch Sparrow missile.

Bluejacket...

(Continued from Page 1) Early Birds team in the Intramural Golf League, and he will again be a member of the Mojave Desert Inter-Service League team from China Lake this year.

Summey competed on the team last year that won the MDISL golf trophy.

He used to work part-time for the local pro shop but stated "... I quit because it was interfering with my game."

Summey plans to enter the University of Georgia, in Athens, where he will study agronomy. "I would like to be a greens superintendent if I can't make it as a professional golfer," Summey explained.

Possessed of tremendous hitting power, Summey often drives the ball more than 300 yds., although his backswing is very short. While still in high school, his team won the Florida State golf championship.

"That's the only thing I've won so far," Summey said. "In addition to golf, the VX-5 sailor enjoys hunting and fishing. Summey professed to enjoy working with the VX-5 command.

"The work is interesting and I find it very challenging," he said. "I think the local area takes some getting used to, however. My skin is drying out," he joked.

Assessments are now due from members of the China Lake Mutual Aid Society and Government Employees Benefit Association following the death this past Sunday of Herman Berk.

Berk, 55, a technician in the Physical Optics Branch of the NWC Research Department's Physics Division, died at the Ridgecrest Community Hospital. CLMAS and GEBA members are reminded by Larry Mason, secretary, to contact the collectors in their work area. Mason also suggested that members planning to retire call him at 375-2846 in order to make the arrangements that are necessary to continue their affiliation with the group after they are no longer NWC employees.



TOKEN OF APPRECIATION — His pleasure at the way Dr. Robert D. Smith handled the arrangements for and conducted a symposium on the applications of control theory to modern weapons systems was shown this week by Dr. Walter B. LaBerge (at left), Naval Weapons Center Technical Director, who presented a special award to Dr. Smith. The symposium, which was held May 9-10 at California City, was attended by more than 100 scientists and engineers from throughout the country. Dr. Smith is assigned to the Control Design and Analysis Branch in Systems Development Department's Guidance and Control Division. The award he received was an engraved plaque, affixed to the wing of a Sidewinder guided missile.



NSIA MEMBERS WELCOMED — The annual meeting of the National Security Industrial Association drew a group of some 150 visitors to the Naval Weapons Center on June 6-7. The group, which includes representatives of industrial firms engaged in government contract work, is shown being welcomed by Dr. Walter B. LaBerge, NWC Technical Director, during the opening session of the two-day meeting held at the Community Center. NSIA members were briefed on current research and development programs and were shown the NWC "Highlights" film. A talk entitled "The Energy Crunch" that was presented by Dr. W. F. Cartwright, head of the Systems Development Department's AGILE Development Division, highlighted a dinner meeting held on the evening of Wednesday, June 6.

Highway Improvement Plans Discussed...

(Continued from Page 1) signs, maintenance, road reflectors, and other subjects.

The frequency of accidents at the intersection of the two highways under discussion was brought up by Billie Hise, a member of the NWC Safety Department, who attended the meeting as an interested observer.

"Actually, when you consider dangerous intersections where accidents are frequent, this particular intersection is way down the list," Chitty said.

He stated that every type of sign possible had been erected, in addition to the flashing signals (red for drivers on State Route 178 and yellow for those on Highway 395), and nothing has worked to cut accidents.

Theories Advanced "There are many theories as to why accidents occur at this intersection," Chitty said. One of the most common, he noted, is that drivers looking north on Highway 395 are troubled by a "mirage effect," while cars traveling south on the highway are very difficult to see, it was ventured.

Chitty and Mrs. Hise offered solutions for this particular problem. Chitty stated that drivers should pull "all the way up" to the white line, and then look north and south on Highway 395 from two different angles. Mrs. Hise thought that more than one glance in each direction also is called for.

High speed was singled out as probably the most common cause of accidents at the intersection. "Cars are whipping along pretty good in that stretch, and that, combined with poor speed judgment, is the most frequent cause of accidents all over the state," Chitty said.

Probable Cause Anne Teppo, acting as the program chairman, thought that the familiarity with this intersection of Indian Wells Valley travelers, as well as those travelers who make frequent trips on Highway 395, also could be a probable cause of mishaps there.

Dr. Smith is assigned to the Control Design and Analysis Branch in Systems Development Department's Guidance and Control Division. The award he received was an engraved plaque, affixed to the wing of a Sidewinder guided missile.

Concrete Is Better Chitty stated that there has been no problem with similar reflectors placed in concrete, or in areas where the ground doesn't get as hot as it does here. He passed around some examples of new reflectors that the State of California proposes to use. They are housed in ceramic and are said to be very strong and durable.

Mrs. Hise commented that she felt that road side posts (delineators) were often placed too close to the highway and, because of this, represented a hazard to drivers. "Yes, in some cases, this is true," Chitty admitted. He stated that the Division of Highways has two schools of thought about such highway markers.

Some people prefer the posts, while others recommend side-edge stripes. "We'll probably convert to edge stripes everywhere, eventually, although the posts have a beneficial use, too," the State

Division of Highways official added. Mrs. Teppo asked if the Division of Highways was going to do anything about a huge dip on Highway 14, located about one mile south of the California City turn-off. "As a matter of fact, we have an improvement for that dip on the drawing board right now," Chitty stated. "We are looking into putting in pipes to cut out the flooding," he added.

The new highway symbol signs, common in Europe, which have recently been adopted in the United States, Canada and South America, were passed around by Chitty for Safety Council members to see.

NWC Begins Use Skaar noted that the Naval Weapons Center has begun to use the new signs. Erected here recently were two of the yield signs, as well as the bike lane symbols. "By mid-1975, we will be 100 per cent changed over, and the old signs will be down," Chitty noted.

The subject of bicycle traffic safety brought about a question from Mrs. Teppo regarding how bicycle paths are researched and installed. Chitty explained that the State Division of Highways was recently allotted \$360,000 for bike path programs.

"The State of California budgeted \$720,000 for this type of study — \$360,000 each to us and city and county governments," Chitty explained. "You must realize, that the \$360,000 is divided into 11 different districts within the Division of Highways," he said.

"This really doesn't leave much, so therefore, all of the districts are looking around for projects. Once we get a project, then we try for the funding," he added.

Open for Suggestions Chitty informed Safety Council members that he is open for bike path suggestions, and the Council promptly brought up two—from the south gate of NWC to China Lake Blvd., and along the east side of Ridgecrest Blvd. to the front gate of NWC.

"I will look into these," Chitty promised, and then had to be excused for the long drive back to Bishop.

STEALS HOME — Sherri McClellan steals home for the Senn's Sneakers during a game against the Roadrunners last week. The Sneaks won this Women's Softball League game by a score of 8-6.

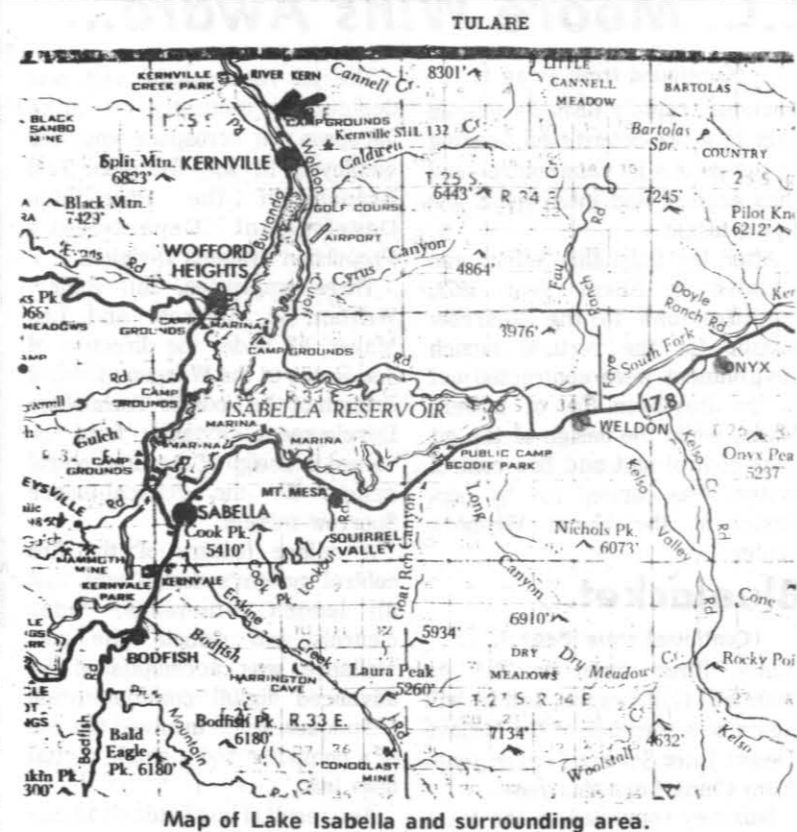
Navy Helps Out...

(Continued from Page 1)

pumping water from the tanker into the fire engine's water intake. Then, using the 1,500 lb. pressure the fire department pumper truck was capable of generating, water was forced via a fire hydrant into the water line and up the hill to the storage tank at Pioneer Point.

The Navy had sent over a truck load of water (3,000 gallons), and when that initial supply was exhausted, the tanker was refilled two more times from the Searles Domestic Water Company's main supply source. While the water company serving the Trona area had an ample supply of water, its operations in the Pioneer Point area were hamstrung by the temporary inability to refill the storage tank there because of the mechanical failure of one of the pumps.

All told, Blanche hauled three loads of water (9,000 gallons) that was transferred by means of the Trona Fire Department pumper truck into the water system, and then backed up into the storage tank.



Map of Lake Isabella and surrounding area.

Lake Isabella Center Of Popular Recreation Area

By Jack Lindsey

Lake Isabella, built and maintained by the U. S. Army Corps of Engineers, is located approximately 50 miles west of China Lake and may be reached by driving west on Inyokern Road to State Highway 14, then turning left to State Highway 178. Motorists should then turn right and travel over Walker Pass, through the small communities of Onyx and Weldon.

At Onyx, the road passes a colorful old general store, the Onyx Store, which was built in 1851 and has been in business ever since that time.

Lake Isabella is a man-made lake, formed by the Isabella Dam, located at the far western end of the lake.

Boating, swimming, water skiing and year-around fishing have made this a popular recreation area. Kern County campgrounds and private camping and trailer sites, as well as landing docks, are available. Motels and restaurants are to be found around the lake at the towns of Lake Isabella, Wofford Heights and Kernville.

The site of the original town of Kernville was flooded as Lake Isabella formed behind the dam. New Kernville is north of the lake. Originally an Indian camp, the old town was first named Whiskey Flats during the gold rush days when it boasted a population of 5,000. An annual celebration, Whiskey Flat Days, held in February, recalls the settlement's early days.

There are some interesting side trips that can be made by visitors to the Lake Isabella area.

North of Kernville, the Kern River flows through a picturesque canyon with many picnic spots and campsites, easily accessible from a road along the east bank of the river.

Of interest to photographers is the 700-foot high Salmon Creek Falls, located along this road 12 miles from Kernville. The falls may be seen in the distance to the right of the road.

Kern Plateau

The Kern Plateau has been described as a gentle wilderness, for, in contrast to the rugged peaks of the Sierra, it is a land of low, forested ridges, small trout

streams and delicate green meadows.

Entry to the west side of the Kern Plateau may be made by following the Kern River north of Kernville for 18.5 miles, then turning right (east) onto the Cherry Hill Road. Logging trucks frequent this dirt road, so when approaching curves, take care to stay well over on the right side of the road.

About 37 miles in from the Kern Canyon, the Cherry Hill road reaches a trail to the Domelands Wilderness Area. Church Dome (elev. 8,501) is 1.5 miles along this trail.

Johnsondale is located 22 miles north of Kernville. The Mount Whitney Lumber Co., where 170,000 board feet of lumber are sawed each day, is located in Johnsondale. The mill is open to visitors Monday through Friday.

Also at Johnsondale, the road from Kernville becomes graded dirt. After climbing quickly up from Johnsondale, the road reaches a viewpoint where the surrounding countryside may be seen for miles around. A thick forest is located about 6 miles from Johnsondale and the road winds up to a scenic blacktop lined with incense cedar and Jeffrey and sugar pines.

After a few miles of travel south on the Western Divide Highway, motorists will reach the Redwood Meadow grove of giant Sequoia trees, and an area for picnicking. There are many camp sites located along this road.

Greenhorn Mountains

On the west side of Lake Isabella, 4 miles south of Kernville, is the turnoff to the Greenhorn Mountains. In winter time, skiing is available at Shirley Meadows, and the summer months are exceptional for hiking and camping.

Commercial Artist To Address Group

F. D. Lindsey, a commercial artist with the Lockheed-California Co., will present a program at the June meeting of the Society for Technical Communications. The meeting is scheduled next Thursday, June 21, at 6:30 p.m. at The Hideaway Restaurant in Ridgecrest.

STC has issued an invitation to any visitors who would like to hear this talented artist.

Navy Relief Drive To End Today With Presentation of Top Incentive Awards

At the end of three weeks in the 1973 Navy Relief fund drive, contributions had topped the \$9,000 mark. Cdr. R. B. Nygaard, NWC's Deputy Director of Supply, coordinator of the campaign, reported last Monday.

Weekly incentive prizes garnered by contributors last week were topped by four \$100 Series "E" Savings Bonds donated by Systems Consultants, Inc., Associated Aero Science Laboratory, Inc., a subsidiary of Control Data Corp., Texas Instruments, and COMARCO, Inc.'s Graphic Division. These bonds were distributed to Robert E. Cass, William R. Sturgeon, Jim Wright, and Catherine Page.



FREEDOM FROM DRUDGERY — That's what a donor to the 1973 Navy Relief Fund Drive might receive if they are selected for the third grand incentive award today. That person will get his or her choice of a Litton electronic oven, being displayed by Susan Rungo, the 1973 Miss Ridgecrest-China Lake, a 16-in. Zenith color television set (in the middle), or a Kitchen Aide portable dishwasher (left). The Navy Relief Fund Drive, which began on May 19 and will end today, will benefit the Navy Relief Society, which aids military enlisted personnel of the U.S. Navy and Marine Corps.

Program Initiated To Help With Alcoholism Problem

A volunteer program for those who recognize they need assistance in dealing with the problem of alcoholism has been established and is now in operation at the Naval Weapons Center.

A key part in this program, which is available to NWC employees and military personnel, or members of their families, is being played by a group of volunteer counselors who are available to assist Center personnel and their supervisors to better understand the problems of alcoholism.

With the inauguration of this effort, Center employees or military men have, for the first time, someone to contact for advice and assistance on this matter, with the assurance that such contacts will be kept confidential.

This approach, the use of volunteer counselors, has been modeled after similar programs that have proven to be successful at such places as the McDonnell-Douglas and Hughes Aircraft Co. plants.

The intent of this program is to encourage voluntary participation by individuals whose own problem with alcohol, or that of members of their immediate families, is more than they can handle without qualified assistance.

The program is not designed to provide the means whereby one employee can inform on another who is suspected is having a problem with alcoholism.

Cordell Wins Again
Charles Cordell did it again! For the third straight week, Cordell's name appeared on the list of weekly winners. The lucky employee of Code 60 had garnered two \$100 Savings Bonds, and a \$25 gift certificate prior to last Saturday's presentation of incentive awards, when he took home another \$25 gift certificate — this one from BB's Cycle Center.

Mrs. Helen Hill was presented the \$25 gift certificate donated by Desert Sports Cycles.

The grand award winners will be selected at the Bennington Plaza shopping area following the BATNAF softball game at Schoeffel Field, which begins at 4 p.m. today. Grand incentive awards are:

Major Awards

- 1) The choice of a 1973 Vega GT Sportcoupe, a 1973 Vega "Woody" station wagon, or an 18 ft. Nomad tandem trailer;
- 2) the choice of a Honda Trail 90 motorcycle, or two QASO Honda "cycles"; and
- 3) the choice of a Litton microwave oven, a Zenith 16-in. color television set, or a Kitchen Aide portable dishwasher.

Anyone who would like to become eligible for one of these awards is asked to contact Cdr. Nygaard at NWC ext. 2561.

NEW CLASS PROPOSED

Anyone interested in the preparation of visual or training aids (flip charts) for a lecture, call Art Amos at the Community Center (Ext. 2010) about a class in August.



WALCOM MAKES DONATION — Alice Zilmer (c.), treasurer of the Women's Auxiliary of the Commissioned Officers' Mess (WALCOM), presents a check for \$1,300 to Cdr. R. B. Nygaard (r.), coordinator of the 1973 Navy Relief Fund Drive. The money was earned through various events sponsored by WALCOM during the past year. NWC Chaplain R. E. Osman looks on.

Ex-NWC Employee Chosen To Head Vital Navy Lab

A former NWC employee has been chosen to head an important Navy laboratory.

It was announced this week that James E. Colvard has been selected by Dr. Joel S. Lawson, Jr., Director of Navy Laboratories, to fill the position of Technical Director of the Naval Weapons Laboratory in Dahlgren, Va.

Colvard graduated in 1958 with a B.A. in physics from Berea College in Berea, Ky. Previous to that, he had seen three years enlisted service in the Navy.

He came to China Lake in June 1958 as a physicist assigned to the Weapons Development Department. In late 1958 he was assigned to the Program Management Branch, Weapon Systems Division, Systems Development Department, Code 30 (then the Test Department.)

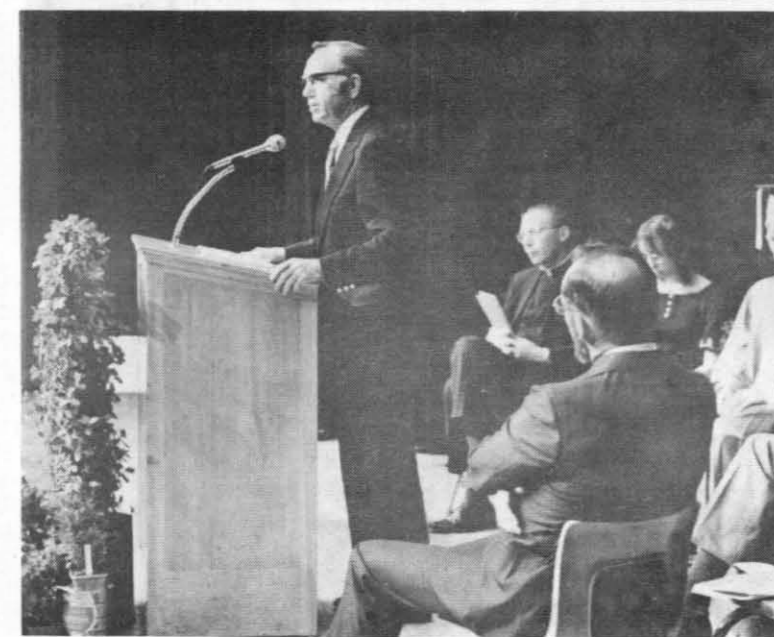
In 1960 Colvard moved to the Electronic Systems Branch of the Instrument Development Division, where he worked as an electronic engineer (instrumentation).

Colvard left the Center for a year in 1960 to work for the Applied Physics Laboratories of John Hopkins University. In 1961, he was back again in the Electronic Systems Branch, this time as a physicist (electronics).

The rest of Colvard's NWC career was spent in Code 30, where he not only filled branch head and head of staff positions, but at different times headed three different divisions.

These job assignments reflected Colvard's competence and flexibility as he became head of the Surface Weapons Control Branch, Instrument Development Division, in 1963; Code 30 head of staff in 1964; head of the Weapons Systems Division in 1965; head of the Range Operations Division in 1967; and head of the Countermeasures Division in 1969.

Colvard left here in September 1969 to become Department Head / Scientific Assistant at the Dahlgren laboratory. He and his wife, Joy, and daughter, Belinda, live in base housing at Dahlgren.



FINAL GRADUATION CLASS — Dr. John Collins, president of Bakersfield College, was the graduation speaker at the final class of students to receive degrees from the Desert Campus of Bakersfield College, held June 8 at the Burroughs Lecture Center. Dr. Collins spoke on trends in education, with emphasis on the concept of life-long education. He cited the Desert Campus as a typical example of this trend around the nation. Associate in Arts degrees were awarded to 49 students and high school diplomas went to 19 others. With the beginning of the summer session on Monday, the new Cerro Coso Community College will begin what is hoped will be a long, successful program in education locally. —Photo by ADJAN Bill Brooks

In Case of Accident, Tips Given On What To Do Until Ambulance Arrives

How many Naval Weapons Center employees know what to do for the victim of an on-the-job injury?

While it's true that fast ambulance service is available, there also are certain first aid measures that should be taken while waiting for the ambulance to arrive.

As a means of educating NWC employees regarding these all-important first aid procedures, Chuck Wilhite, of the Safety Department, and HM2 Norman R. Fertig, of the Medical Department, have put their heads together and come up with a short, practical first aid presentation entitled "What To Do Until the Ambulance Comes."

To date, approximately 500 NWC employees have heard HM2 Fertig, a Vietnam veteran, give this presentation, which is interspersed with comments relating to some of his personal first aid experience.

The speaker explains how to check to see if the victim of an accident has stopped breathing or his heart has stopped beating, and

then outlines what steps to take in the event that this is the case.

HM2 Fertig both asks the questions and then proceeds to show what can be done to aid the victims of various kinds of accidents. Bleeding, broken bones, heat stroke, shock, snake bite and scorpion and black widow stings are some of the types of emergencies covered.

Since personnel of the Security Department are involved in rescue work and the operation of ambulances on the Naval Weapons Center, this presentation also has been given to all members of both the Police and Fire Divisions in order to get their suggestions and comments.

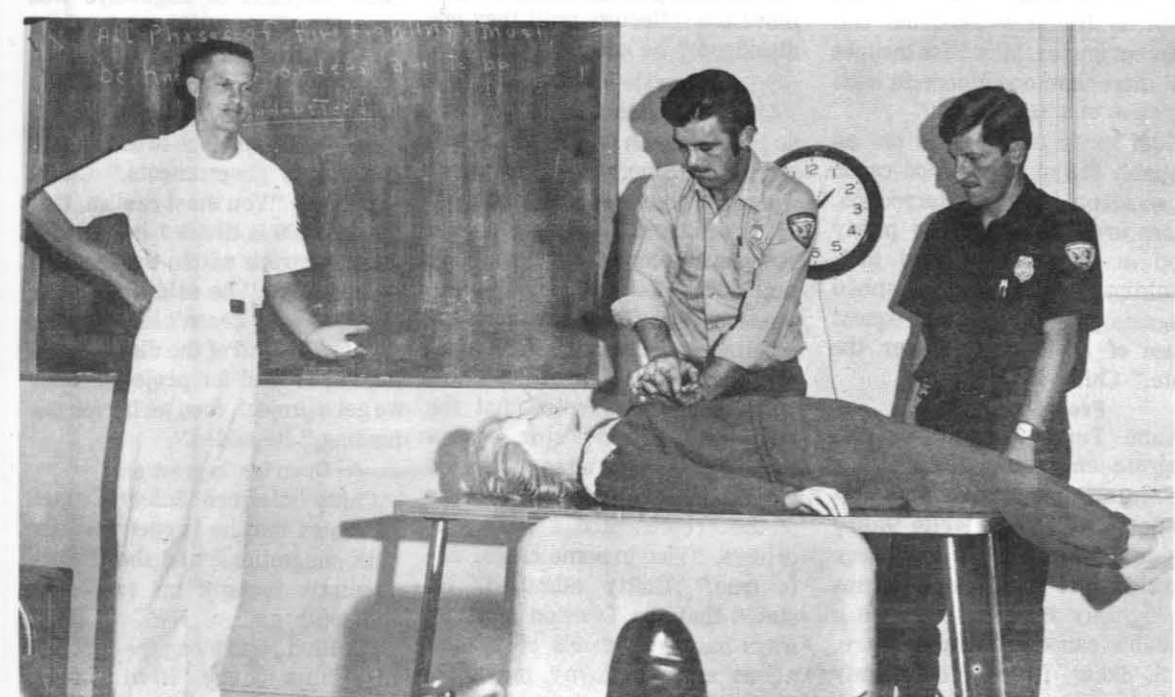
NWC fire fighters had some suggestions which have been incorporated into the program.

Because someone occasionally calls for an ambulance and then, in the excitement, forgets to relay the exact location of the victim before hanging up the phone, firemen suggest that someone stay at the

phone until the exact location is clear. In addition, if there are other persons around, it is suggested that one go outside the building in order to be ready to assist the firemen to get to the accident victim via the shortest possible route when they arrive at the scene.

It also was noted by the firemen that sometimes those doing so stop administering first aid when they hear a siren or when a fireman approaches. It is particularly essential that mouth-to-mouth resuscitation or heart massage be continued until firemen can take over.

The program on "What To Do Until the Ambulance Comes" is part of the continuing cooperative efforts between Codes 88, 84 and 22 to aid Naval Weapons Center employees. Other departments or divisions that are interested in making this presentation available to their employees can make arrangements to do so by calling the Safety Department at Ext. 2315.



FIRST AID TIPS GIVEN — Part of a presentation on "What To Do Until the Ambulance Comes" involves external heart massage which (in the above photo) is being practiced on a life-size dummy by M. L. Smith, a Fire Division employee. Looking on are HM2 Norman R. Fertig (at left), who is in charge of the first aid presentation, and Mike Tosti, another NWC fire fighter, who is waiting his turn to practice this life-saving technique. —Photo by PHAN Jerry Sizemore