

CHAPLAIN'S MESSAGE

Will There Be Any Stars?



By Senior Chaplain Harold A. MacNeill

At my favorite eating place, "The Hoof and Mouth," I overheard the following conversation between a Woofers and a Tweeter:

Woofers: "Let's stop at Mary's Place and get crocked."

Tweeter: "Is that the thing to do on liberty?"

Woofers: "Yes, man, it builds up your ego."

Tweeter: "What's Ego?"

Woofers: "It's something that you either have or haven't. When you have plenty of it you can sound off and make lots of noise. When you make noise and protest you feel important."

Tweeter: "It seems to me I heard in indoctrination lectures that all this might lead to a trip to see the Captain. The Navy doesn't give ribbons and stars for Captain's Masts do they Woofers?"

Woofers: "Stay with me tonight Son and you will find out!"



LANGUAGE SCHOOL — Joseph M. Burge, a technical writer at NWC, Corona, checks over material for the next lesson at the language school held at the Corona Methodist Church, a class sponsored by the Corona-Norco Literary Council which teaches foreign students to read and write the English language.

PROMOTIONAL OPPORTUNITIES

Present Center employees are encouraged to apply for the positions listed below. Applications should be accompanied by an up-to-date Form 58. The fact that positions are advertised here does not preclude the use of other means to fill these vacancies.

The vacancies listed below are effective from June 27 to July 4, 1969.

Administrative Assistant, GS-341-6 or 7, Code 8501—This position is assistant to the Associate Department Head, Command Administration Department. Duties include preparation of Department budget, financial reporting, plant account, and assistance in management studies, planning, manpower utilization, personnel and general administrative duties. Qualifications: FSEE eligibility is required of all applicants. Experience of an administrative or clerical nature is desired.

Travel Clerk, GS-2130-3 or 4, Code 8517—This position is in the Travel Branch, Administrative Division, Command Administration Department. Duties include preparation of travel requests, estimating expenses, arranging for overseas travel, etc. Qualifications: GS-3, one year clerical experience; GS-4, one year clerical experience plus one year experience in travel work.

File application for the above with Sue Prasolowicz, Bldg. 34, Rm. 28, ph. 71577. Machine Operator, WB-34031-08, Code 25

Operates machine tools such as lathes, milling machines, do-all saws, engraving machines, drill presses and grinding machines to machine metal and nonmetallic parts; may operate machines of only one type. Makes adjustments of machine and all minor setups; does not make complex or difficult machine setups.

File applications for the above with Carole Cadle, Bldg. 34, Rm. 26, Ext. 71648.

Facilities Inventory Assistant, GS-301-07, PD No. 6970015, Code 701 — The incumbent's duties are to supervise the compilation and dissemination of information regarding identification, classification, utilization, and determination of value and rates of attrition of manufacturing, construction, and automotive equipment, housing, a and various buildings and structures.

File applications with Dora Childers, Code 657, Room 32, Phone 71393.



RETIREMENT CEREMONIES — Cdr. S. M. Dunn, former Head of the Command Administration Department, and Cdr. H. E. Byrd, Center Legal Officer, were honored in retirement ceremonies held June 20, at the Commissioned Officers' Mess. Cdr. Dunn, left, and Sue Byrd, center, filling in for the ailing Cdr. Byrd, are shown receiving "The Order of the Purple Sage" from Lt. B. W. Cummings, Head of the Security Department. Cdr. Dunn retires with 26 years in service, and Cdr. Byrd with 21 years.

Kern County Medical Officer Warns of Hepatitis Increase

The rising trend of Infectious Hepatitis is concerning health officials throughout the United States, Dr. Owen A. Kearns, Kern County Health Officer, stated recently.

According to the latest figures, cases of infectious hepatitis reported in 1968 showed an increase of 6,773 over the previous year's figures.

The National Communicable Disease Center reported 45,522 cases in 1968. The figures for 1967 show that 38,749 cases were reported to County Health officials. Kern County had 114 cases in 1967, and the figure jumped to 154 in 1968, a 35 per cent increase, almost double the national increase of 18 per cent.

"And it doesn't seem to be slowing down either," Dr. Kearns said.

For the week ending February 22, 1969, the Disease center notes that 949 cases were reported. This compares with only 880 cases reported for a similar period in 1968," Dr. Kearns pointed out. Recent Kern County figures show 42 reported cases for 1969 through May 10, compared to 47 for a similar period in 1968.

He described the disease as an "inflammation of the liver, caused by a virus." Infectious Hepatitis lasts from six to eight weeks, and usually strikes children and young adults more frequently than other age groups.

"It is characterized by loss of appetite, pain in the abdomen, fever and chills, as well as aches and pains in the back and limbs, tiredness, nausea, with or without vomiting, and jaundiced or yellowish appearance of the skin," Dr. Kearns explained.

"At the moment," Dr. Kearns noted, "there is no vaccine known to have any real effect on the virus. However, Gamma Globulin, if given soon after exposure, lessens the severity of an attack.

"While the disease is more common among young people, anyone can get it. It is spread from one person to another and is more apt to spread where living conditions are crowded and sanitation is poor," he said. "It seldom results in death and second attacks rarely occur."

To check the spread of infectious hepatitis, Dr. Kearns recommended that the following rules be observed: 1. Wash hands carefully after using the restroom and before sitting down to eat. Use plenty of soap and warm water. Dry hands thoroughly with a clean towel. Make sure children follow these practices. 2. Make sure no sewage contaminates your water supply. If there is some question about contamination, boil all drinking water and contact local health officials. 3. Teach children not to put objects other than food in their mouths. Pencils, pens, spoon handles and other common objects found around the home could transmit the disease.



LT. LAWRENCE W. CAMPBELL — recently reported aboard the Naval Weapons Center to assume the duties of Staff Judge Advocate. Lt. Campbell came to NWC from the Naval Base Los Angeles in Long Beach, where he was the Assistant Staff Judge Advocate. Previous to that he studied at the Naval Justice School in Newport, R. I. The Los Angeles native graduated from the University of Southern California in 1966 after attending the University of California, in Berkeley. He and his wife Barbara, reside at 203-A Fowler St.

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The Rocketeer Official Weekly Publication. U. S. Naval Weapons Center, China Lake, California. Capt. M. R. Etheridge, USN, NWC Commander. "1" Bibby, Public Affairs Officer. Joan Reber, Associate Public Affairs Officer (Acting). Director of News Bureau. William P. Valenteen, Jr., Editor. Jack C. Lindsey, Staff Writer. Lucille Edwards, Editorial Assistant. PH1 Gary D. Bird, PH2 Delmer E. Hart, PH2 Michael F. Krause, AN Maurice Dias, Staff Photographers. DEADLINES: News Stories Tuesday, 4:30 p.m. Photographs Tuesday, 11:30 a.m. The Rocketeer receives Armed Forces Press Service material. All are official U. S. Navy photos unless otherwise identified. Printed weekly with appropriated funds in compliance with NavExos P-35, revised July 1958. Office at Nimitz and Lauritzen. Phones 71354, 71655, 72082.

DIVINE SERVICES. Protestant (All-Faith Chapel)—Morning Worship—8:15 and 11 a.m. Sunday School—9:30 a.m., Chapel Annexes 1, 2, 3, 4 (Dorms 5, 6, 7, 8) located opposite Center Restaurant. Roman Catholic (All-Faith Chapel)—Holy Mass—7, 9:30 a.m., and 12:30 p.m. Monday. Daily Mass—11:30 a.m. in Blessed Sacrament Chapel, Saturday, 8:30 a.m. Confessions—7 to 8 p.m. Saturday. NWC Jewish Services (East Wing All-Faith Chapel)—8 p.m. every first and third Friday. Sabbath School—10 a.m. to noon, every first and third Saturday. Unitarian Fellowship—(Chapel Annex 95, 95 King Ave.)—Sundays, 7:30 p.m.

Pay Increase News Dominates July Interest

President Signs July 1 Pay Raise for Military Personnel

Table showing pay grades and corresponding pay amounts for military personnel. Columns include pay grade, 2 or less, Over 2, Over 3, Over 4, Over 6, Over 8, Over 10, Over 12, Over 14, Over 16, Over 18, Over 20, Over 22, Over 26, Over 30.

While serving as Chairman of the Joint Chiefs of Staff, Chief of Staff of the Army, Chief of Naval Operations, Chief of Staff of the Air Force, or Commandant of the Marine Corps, basic pay for this grade is \$2,907.10 regardless of cumulative years of service.

Table showing pay grades and corresponding pay amounts for officers credited with over 4 years active service as enlisted members. Columns include pay grade, Over 4, Over 6, Over 8, Over 10, Over 12, Over 14, Over 16, Over 18, Over 20, Over 22, Over 26, Over 30.

Table showing pay grades and corresponding pay amounts for warrant officers. Columns include pay grade, 2 or less, Over 2, Over 3, Over 4, Over 6, Over 8, Over 10, Over 12, Over 14, Over 16, Over 18, Over 20, Over 22, Over 26, Over 30.

Table showing pay grades and corresponding pay amounts for enlisted members. Columns include pay grade, 2 or less, Over 2, Over 3, Over 4, Over 6, Over 8, Over 10, Over 12, Over 14, Over 16, Over 18, Over 20, Over 22, Over 26, Over 30.

While serving as Sergeant Major of the Army, Master Chief Petty Officer of the Navy, Chief Master Sergeant of the Air Force, or Sergeant Major of the Marine Corps, basic pay for this grade is \$1016.10 regardless of cumulative years of service computed under section 205 of this title.

Employees Receive Final Phase Of Comparability Law

The final step in Executive Order 11474 will go into effect beginning the first full pay period after the first of July. Graded employees will not realize the increase in their paychecks until the August 1 payday, which will reflect pay accrued from the pay period of 13 through 26 July.

This last pay raise is the final phase of a planned gradual leveling of differences in pay scales between salaries in Federal government positions as compared to those in industry. The present rates are based on June 1968 figures of the Bureau of Labor Statistics.

According to the Federal Times, hearings are currently being conducted on the possibility of another across the board 5 percent pay increase for graded employees to be effective on January 1, 1970.

A bill, HR 12124, introduced by Rep. Morris K. Udall, D-Ariz., would not only close the margin that currently exists in the pay comparability gap, but would also create a new survey board for the purpose of setting future pay scales for Federal graded employees.

Table showing pay amounts for various steps (1-10) across different grades (GS-1 to GS-18). Columns include Step, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10.

CG Auxiliary To Observe Boat Week

Earl Hart, Commander of Flotilla 76, U.S. Coast Guard Auxiliary, has announced that the group will join all other boating organizations and groups throughout the nation in observance of the theme, "Safety First — The Golden Rule of Boating," during National Safe Boating Week, June 29 through July 5.

The President of the United States has proclaimed this week National Safe Boating Week annually since 1957 to serve a two-fold purpose: to pay tribute to the men and organizations that have built Boating's enviable safety record; and as a means of reminding the nation's 42 million boating enthusiasts of the need to keep Boating safe.

Commander Hart stated that Flotilla 76 is working diligently toward an impressive safety record for the current year. "During the recent Memorial Day weekend the Flotilla chocked up 75 boat patrol hours and 144 man-patrol hours at Lake Isabella," he said.

"Members of the local Flotilla made a definite contribution toward boating safety during the Memorial Day outing," Commander Hart remarked. "In addition to its regular duties, the group helped to rescue boats stranded in rough water; aided an overloaded boat crew when waves got higher than their freeboard; took a board a number of stranded persons who were beached due to sudden rough water conditions; towed a cabin cruiser to the marina for fuel, and assisted in the control of boat traffic during the recovery of a little six-year-old drowning victim."



JUNE 29th to JULY 5th



OUTSTANDING — Capt. R. L. Williamson, II, NWC Executive Officer, recently presented outstanding performance awards to Jim McGlothlin, Head, Community Relations; Mary Jane Driggs, Capt. Williamson's secretary; and K. S. "Kit" Skaar, Head, Safety Department.

Pony/Colt Tournament To Begin Indians Clinch "A" Division Title

The Indian Wells Valley Pony/Colt League will hold its first annual post-season tournament starting Monday, June 30. The Pony teams will play on the Pony League diamond, and the Colt League will meet at Schoeffel Field. The double-elimination tourney will begin at 5:15 for the Pony Leaguers and at 5:30 p.m. for the Colt Leaguers. The second games at each location will begin at 8.

In the Colt League Contest, the Dodgers will meet the Giants at 5:30 and the Colts will play the Angels at 8. The first round winners will meet at 8 p.m. on Wednesday, July 2. The losers of the first round will play Tuesday, July 1, at 8 p.m.

Tournament play will be suspended over the holiday with play resuming Monday, July 7, with a single game at 8 p.m. each evening until the tournament winner is decided.

Pony League
First round drawings in the Pony League tourney find the Cubs going against the Tigers on Monday, June 30, at 5:15 p.m., and the Indians, who were the regular season champions, pitted against the Yankees at 8. The ensuing Pony League games will follow the same schedule as that of the Colt League with one exception: the Pony League games will begin at 7 p.m. following Monday night's doubleheader.

Bob Nelligan, Gordon Peacock, and Clyde Hazen, Pony/Colt League officials, cordially invite all Valley residents to attend these tournament games, which are held free of charge.

In games played this past week, the Indians won three games to clinch the Pony "A" Division championship, with a three-game lead over the second-place Yankees with only two games left to play.

The Indians defeated the Yankees, 7-6; the Cubs, 9-4, and

the Tigers, 11-6, to win the Division title.

In the senior circuit, the Colts posted two wins against one loss last week to stay on top of the Colt League. Steve Robinson, pitcher for the Colts, led his team to a 3 to 1 victory over the second place Dodgers in one of the best pitching duels of the season. Don Branson, the league's leading hurler, was the losing pitcher. In other action, the Giants handed the Colts a loss in a free-hitting error-plagued ball game, which they won 13 to 5.

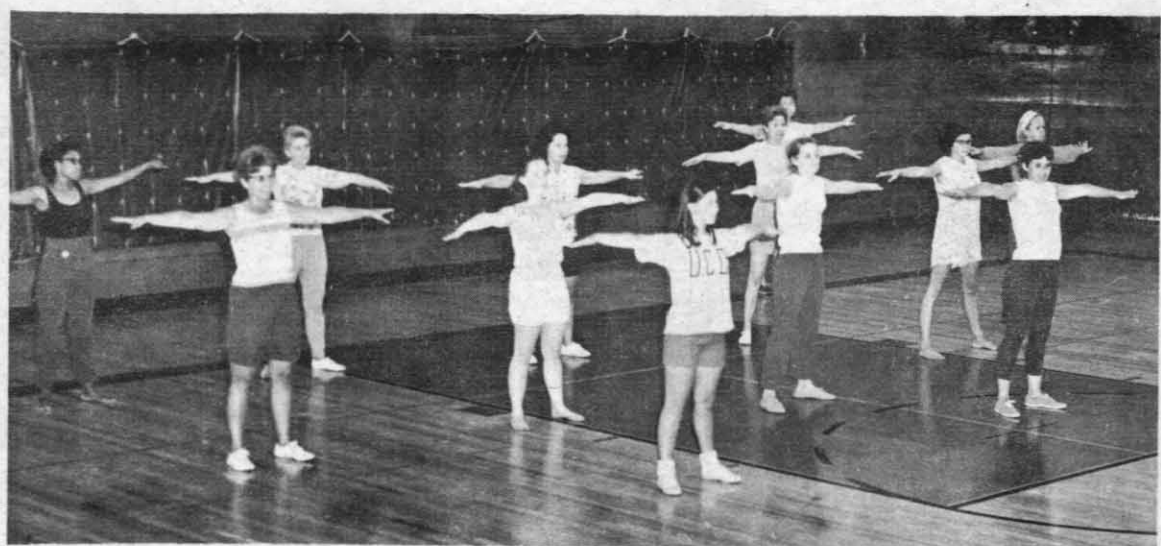
In the Pony "B" Division, the Braves registered their fourth consecutive victory in their drive to catch the league-leading Angels. The Braves defeated the Angels, 8 to 5, to move within one game of the leaders. The championship will be decided this week. Jim Stillwell and Steve Forrester, pitchers for the Braves, combined to stop the Angels.

In one of the wildest games of the year, the Angels outslugged the Reds, 15-14, in a game which saw the Reds score nine runs in a single inning, the highest single inning production of the year. The Angels used six pitchers in the game.

Bjorklund Meet Won By IWV Swim Team at COM Pool

The Indian Wells Valley Swim Team, coached by Carol Chatterton, emerged the winner by a wide margin in the third annual Russ Bjorklund Memorial Swim Meet held June 21 at the Commissioned Officer's Mess swimming pool.

The meet, which was sponsored by the China Lake Rotary Club, was attended by six out-of-town teams. The final team standings, and their totals are: IWV, 533; Apple (Continued on Page 8)



EXERCISE CLASSES—Members of the Monday night ladies' physical fitness class partake in an exercise in the Center Gymnasium. The classes, which are taught by Wilma Zeutzius, a new instructor, offers exercises that not only firm the ladies up and take off excess poundage, but also help to relax the members' jangled nerves. Mrs. Zeutzius taught dancing for six years, specializing in acrobatics. The classes begin at 7 p.m. in the gym. Beginning July 1, there will be a charge of \$1.50 per month per student.

Andreassen Outduels Galloway, 1-0

Ridgecrest Shell and Ace-TV, the two leaders in the China Lake Intramural Softball League, met Wednesday, June 18, at Reardon Field, for their second clash this season. Ridgecrest Shell won this game 1-0, thereby snugging up the battle for the league lead. Each team has now lost a game apiece, each to the other.

The contest rapidly developed into a pitchers' duel. Bert Galloway, (9-1) of the Ace-TV squad, and Bert Andreassen (8-1), pitcher for Ridgecrest Shell, broke out their repertoire of dazzling fastballs and screaming risers as they set down the opposing batsmen with monotonous regularity.

Galloway's spell was broken in the top of the sixth inning however, when Jim Ayres singled, followed by Drex Moulder, and a single by Max Smith to drive in Ayres.

One run proved to be all Andreassen needed as he continued to turn the Ace-TV hitters away. This game saw Andreassen's ERA remain at 0.000.

with 63 innings pitched. The one run scored against Galloway brought his ERA to 0.200.

In other games played in the past week, on Monday, June 16, the Magic Cleaners squad beat Genge 12-4 as Dave Taylor hit two home runs for Magic.

In the nightcap, ACE-TV bombed VX-5, 13-0. Jim Bevan had a homer and a triple, and Frank Carson also homered for Ace-TV.

On Tuesday evening, in the first game, Ridgecrest Shell defeated El Ranchito, 6-0. Tom Mather hit a two-run homer in the top of the sixth inning, and Al Hyles hit his fifth home run of the year with one on in the top of the seventh.

NAF beat Genge, 10-0, in the second game of the evening, keeping the Naval Air Facility team ahead of Genge in the standings.

Wednesday night, in the first game of the evening, Magic Cleaners blasted VX-5, 9-1, with Don Williams and Dave Taylor, both of Magic Cleaners, hitting home runs.

In the only game played Thursday, El Ranchito white-

STANDINGS table with columns: Team, Won, Lost, Pct., OBL. Includes teams like Ace T.V., Ridgecrest Shell, Magic Cleaners, El Ranchito, N.A.F., Genge, and VX-5.

BATTING table with columns: Name-Team, AB, H, HR, RBI, Pct. Includes players like Dick Clodt, El R., Bill Martin, R.Shell, Denny Croger, Ace T.V., Don Sichel, Genge, Drex Moulder, R.Shell, Don Williams, M.C., Bob Crawford, Ace T.V., Roger Short, R.Shell, Max Smith, R.Shell, and Wally Parmenter, M.C.



TROPHY WINNERS—Shown above are individual trophy winners from the Indian Wells Valley Swim Team following the third annual Russ Bjorklund Memorial Swim Meet, held Saturday, June 21 at the COM Swimming Pool. In the front row, left to right, are: Susan Goettig, Lisa Smith, Cheryl Randle and Jan Hillard. In the back row are Kris Bjorklund, Rick Bjorklund and Mike Badalich. Missing from the photograph is John Smith.

Bowlers Vie For T of C Title At China Lake Bowl

The 3Ds and a P shot the high team game in the Koffee Klutchers League, June 17, with the Challengers, 838, and the Missfits, 813, close behind.

The Challengers hit a 2370 for high team series, with the 3 Ds and a P shooting 2325 for second, and the Alley Kats, 2315 for third place.

Mike Breitengross had a 219 for high game, and also won top series honors with a 521.

In other action this past week, Leo Montano, a 174 average bowler who hails from the Ridgecrest Lanes, won the finals of Al Heber's Tournament of Champions, held June 22, at the China Lake Bowl. Montano shot 2178, nosing out R. C. Jones, another Ridgecrest bowler, who fired 2108 over the ten-game route.

Third place was garnered by the only woman finalist in the seven-month-long contest, Flo Albright, who shot a 2087. Other finishers were: Jerry Steele, 2034; Ray Fraser, 1994; Jack Lindsey, 1977, and Dick Stine, 1862.



HAPPY BIRTHDAY—Miss Ann Washburn, Miss Ridgecrest-China Lake, cuts the birthday cake, celebrating the first anniversary of the China Lake Bowl. Fred Dalpiaz, right, manager of the Bowl, and Gabe Imer, left, Head of the Special Services Division, look on. Floyd Maxwell, second from left, President of the Ridgecrest-China Lake Bowling Association, and the first Athlete of the Month for 1969, was a special guest of honor at the occasion.

Early Resident Gould Retired Friday, June 20

(Continued from Page 1)

Sage. From August, 1947 to June, 1951 Al was associate head of the Rocket Ordnance Department under Dr. Emory Ellis, who presented Al with a Dust Devil Certificate at his retirement.

In 1951, Al joined a technical liaison group headed by Jr. C. T. Elvy which served as staff to Dr. Thompson. When Dr. Thompson left, Al accepted a position as assistant head of staff to Dr. Buell Beadle. Sometime later, he was associated with H. G. (Hack) Wilson and Dr. Hugh Hunter who took turns as head of what is now Central Staff.

In 1955, Al joined the Weapons Planning Group under Dr. Frank Bothwell, as an associate for weapons analysis. He was with Code 12 for 11 years where his major effort was devoted to the area of nuclear weapons analysis.

In 1966, he transferred to the Weapons Development Department where he has served as a consultant on conventional weapons programs until his retirement.

At the retirement party, Ken Westcott outlined Al's long service with the Kern County Union High School and Junior College District. Westcott noted that Al has been a member of the school board since May, 1950.

Just this year, Al resigned from the high school board but will continue to serve as president of the board of trustees of the Kern Junior College District.

Harold Metcalf paid tribute to the Gould's long service to the Protestant congregation of the All Faith Chapel.

He noted that Charlotte had headed the Chapel missionary program for a number of years, and emphasized that her work was the cornerstone on which many of today's Chapel programs are now based.

Metcalf cited Al for his long tenure as head of the Chapel's ushers.

Mrs. Gould's service to the local Girl Scouts was recapped by Anna Blaine.

The Gould's noted they are not leaving the area but will continue to make their home at 1275 Sage Court in Ridgecrest.

Tree Borers Big Problem

(Continued from Page 1) of trees attacked by the borers. Signs of advanced trouble from the insects are discoloration and unseasonal shedding of leaves. Often at this point a tree is beyond saving.

Residents are urged to inspect trees around their premises for the destructive borers. Public Works Department will treat infested trees and take measures to check the spread of infestation to healthy trees. Only if everyone is alert to signs of attack by the boring insects will the Center be able to save its shade-giving trees.

To report infested trees call Public Works Maintenance Inspection, extension 72636.



71ST BIRTHDAY—Members of the Naval Weapons Center Hospital Corps are shown at a cake-cutting ceremony held June 20, at Inyokern Park, in honor of the Hospital Corps' 71st anniversary June 17. Founded in 1898 by an Act of Congress, the Corps has served aboard ships, at shore commands, and with Fleet Marine Forces since that time.

Navy League Donors Listed; Drawing Sat.

(Continued from Page 1)

niture Store; Charlon & Simolon Plymouth; Tim's Standard Station; Foster's Freeze; Big Bundle Launderette; Sparrow's Real Estate Service Inc.; Tropics Motel; King Cow; Pioneer Motel; Eldorado Motel; Desert Hacienda; Smokey's Garage; Ken's Liquor Store; Hot Spot; A & L Tire Company; Wayside Court Motel; McCormick Tire Co.; Twin Palms Motel; The Host; and the Medical Arts Pharmacy.

Other businesses in Ridgecrest who contributed to the fund drive are: Clark's Trailer Supply; Ken's Liquor & Delicatessen; The China Lake Tavern; Raymond's Pampers Parlor, and Ken Smith's Chevron Service.

Inyokern
Inyokern Cafe; The Sierra Club; Inyokern Feed Store; Inyokern Inn; Inyokern Market; and the Two Sisters Italian Villa.

Trona
Ted Lang Chevron Service; Sidewinder Bar; Baker Brothers; Andy's Automotive Service, and Van Dyck Motors.

Bishop
Hiway Auto Service; Dave Wiltzie Western Den Shop; Nestell's Y-Market; Mt. Tom Motel; United Bishop; Fosters Hacienda Motel; Bishop Chevron Service; Ed Oechsner; Economy Motor Parts, Inc.; Mike's Shell Service; Dawn McIntosh, Greyhound Lines; Bishop Radio & T.V.; Luther Motors, Inc.; Schat's Bakery; Sierra Liquor Store; Pioneer Hardware & Supply; Bob Richards, Jr.; Joseph's Bi-Rite Market; A. C. Wood; Claude L. Storey; Harrison's Sales Agency; Mode O'Day; Bishop Imports, Inc.; The Clothes Tree; Downey T.V.; William H. Hartshorn; Mary's Specialty Shop; and the Chicken Owens Broasted.

Lancaster
Household Finance Corp.; Authorized Appliance Maintenance; Gene McBride Imports, Inc.; Sanders Jewelers; Brand Appliances; Griffin & Sons



CHANGE CHAIRS—Al Wiruth (l) of the NWC Safety Department and current Chairman of the Mojave Desert Chapter of the Federal Safety Council, presents a past chairman plaque to Earl McHale, Safety Director at Edwards Air Force Base. The presentation was made at a meeting held June 10 in the Code 22 offices.

Hardware; Gaasch's Sleep Shoppe; American Savings & Loan; Beneficial Finance; Antelope Valley Camera Center; Herbert Jewelers; Martin Pontiac-Cadillac, Inc.; Pioneer Lincoln Mercury; Jim Galbraith Motors, and Maico Hearing Aids.

Lone Pine
Ellis Motors; Western Auto Associates; Lasky Radio & Television; Wal's Kitchen; Dow Villa Motel; Dale's Chevron Service; Dow Villa, Inc.; Bobo's Bonanza; Mi-Lady's Dress Shop; and Lone Pine Mobile.

Other Organizations
The Protestant Chapel Fund; Catholic Chapel Fund; and the All Faith Chapel.

Others are The House of Desmond in China Lake; and in Kernville, the following organizations:

Pine Cone Lodge; Hi-Ho Lodge; Hi-Ho Resort; S. C. Barnes; F. M. Wolf Automotive Service; and Harold Barnes. In Olancha, Olancha Hancock Service was also a contributor.

Corona Builds Simulation Pods For Point Mugu

Five UHF telemetry simulation pods, built in-house at the Naval Weapons Center Corona Laboratories, are being furnished to the Pacific Missile Range.

The test pods, fully equipped for airborne use, contain a slide-mounted shelf assembly upon which are mounted most of the electronic components. Three blade-type antennas developed by the Instrumentation Division at Corona Laboratories are mounted on the outer surface of the pod. The pod is designed to operate at temperatures between minus 30 degrees C and plus 55 degrees C and at altitudes from sea level to 25,000 feet.

The pods will provide simulated telemetry signals of satellites or missiles in terms of modulation format, carrier frequencies and transmitter power output, and will enable PMR to test and evaluate UHF receiving station capabilities throughout the range. Telemetry in the UHF bands will be mandatory after 1 January 1970.

The pods have the capability of transmitting on one, two or three frequencies that have been chosen from a group of seven in the UHF and VHF telemetry bands.

Provisions are made in the system for applying PAM/FM, PCM/FM or FM/FM modulation formats to each transmitter being used. Transmitter power output levels may be adjusted to simulate signals transmitted over great distances although the pod is at close range. In this manner, automatic tracking antenna systems on the range may be exercised to their maximum capability and both time and expense are saved in the simulation process.

Many of the components utilized in the pod to provide these simulated signals have been developed under the guidance and direction of the Instrumentation Division at Corona.

Bruce E. Bishop, head of the Applications Branch of Corona Laboratories is in charge of the construction project. Other NWC personnel who have contributed significantly are W. E. Larson, Clarence Waltner, G. T. Parish and E. D. Doherty.

The first of the in-house fabrications has been delivered and it is expected PMR will get the remainder during the month of July.

Scholarship Offered To Needy Students

A \$300 scholarship will be awarded again this year to a deserving student in the field of education by the China Lake Education Association.

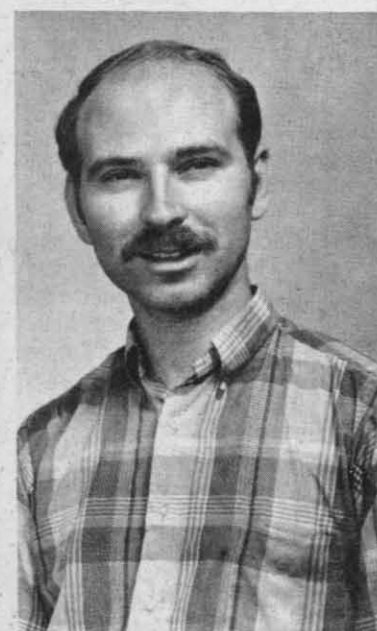
The scholarship is limited to a Burroughs High graduate who has completed a minimum of two years of college in preparation for a teaching credential.

The scholarship will be awarded on the basis of financial need as well as academic achievement.

Interested students may obtain an application at the China Lake School District office, located at Murray School.

The deadline for submitting an application will be August 1, 1969. Further information may be obtained by calling Mrs. Carolyn Davis, Scholarship Chairman, at ext. 76984 on the Center.

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Ronald L. Backman

An Electronics Engineer in the Environmental Testing Lab, Central Engineering Test Branch, will soon be taking a year's leave of absence without pay to go to Liberia, West Africa, to work in the New Hope Leper Mission.

Ronald L. Backman, a two-year employee at the Naval Weapons Center, first heard of the Mission through his uncle, Norman Backman, who is the superintendent of the colony.

The Mission, which is sponsored by the Assembly of God Church, in Anaheim, is located some 60 miles inland from Cape Palmas, Liberia. The occupants, mostly from the surrounding area, depend almost entirely on their own productivity for their very existence. For instance, they grow most of their own food, manufacture their own implements, etc.

Backman, who is single, intends to teach adult education, and conduct school for the children. He also intends to implement a dietary plan in order to improve the eating habits of the residents of the Mission. In addition, he also plans some experimental farming.

One other thing he hopes to accomplish is to teach the residents of the colony how to build dams and irrigation canals by means of a step-by-step approach. He will teach them to first sit down and discuss the problem, and then to put it on paper. When the preliminary work is accomplished he will attempt to show them how to construct whatever project they have planned.

Backman stated that there are approximately 1,000 residents at the Mission, including residents and their families.

Backman will leave the Center on June 27 and will spend one month at home before embarking for Liberia. He will leave New York on a tramp steamer on August 5 and plans to arrive in Monrovia on August 27. He will fly from there to Cape Palmas, where he will be met by his uncle.

The Navy Exchange has released a schedule of proposed hours of operation during the following week. The Retail Store will be open from 1000 to 1800 on Wednesday, July 2. The Service Station, Snack Bar at NAF, the Barber Shop at NAF and the Retail Store will all be closed Friday and Saturday, July 4 and 5. The Snack Bar at the Bowling Alley and the Enlisted Men's Club will be open regular hours during the holiday.

Alaskan Shipmates To Tour Center This Weekend

Navy League Hosts Forty-two Boys

Forty-two boys and three adults representing three Alaskan Navy League Councils — Kodiak, Anchorage and Fairbanks — arrived at NWC yesterday as participants in the fourth annual Alaskan Shipmate Air Cruise which encompasses visits to various Navy and Marine Corps activities in Southern California.

The 14 to 18 year old boys (all from Alaska) and their Navy Liaison/Escort Officers began their course June 21 by air from Naval Air Station in Kodiak, Alaska. After scheduled stops at Wainwright, Elmendorf AFB, and NAS Seattle, they arrived at Los Alamitos no June 22.

While at Los Alamitos, on June 23, the group took a bus tour to Pt. Mugu and Port Hueneme. On June 24 they toured El Toro MCAS and Disneyland. Then on June 25 they visited Los Angeles Naval Base and the Long Beach Naval Ship Yard.

On the morning of June 26 the boys visited Marineland, and then made a short tour of Los Alamitos Naval Air Station. They left Los Alamitos at 3 p.m. and arrived at China Lake at 5 p.m.

This morning the boys visited the pool at the Commissioned Officers' Mess, following a visit to Charlie Tower, where they witnessed delivery tactics developed by VX-5. After a lunch at the Enlisted Men's Mess, they toured Michelson Lab and the Maturango Museum and Weapons Exhibit Center.

The group will depart China Lake on Saturday for home, arriving at Kodiak at 7 p.m., June 29.

The Shipmate program, originally known as the "Buddy" program, is administered by the Chairman of the Shipmate program for the Navy League. The object of the program is to acquaint young men with the opportunities that are offered and provided by the Navy and Marine Corps.

The Shipmate program provides excellent opportunities for the young men of America to see the Navy and Marine Corps "at work." It is dependent upon the ingenuity of the local Councils of the Navy League and nourished by the cooperation of the United States Navy.

Hunting Licenses

Hunting licenses are now available from Department of Fish and Game offices and more than 3,000 license agents throughout the state of California for the 1969-70 hunting season, reports the DFG.

The basic \$4 license entitles hunters to pursue most upland game, but separate tags are required for deer (\$2) and bear (\$1), and a federal stamp is required to hunt migratory waterfowl.

Hunters may also purchase a new 1968-69 license if they have moved or if their old license was lost or is in poor condition.

Current licenses are valid through June 30.



NAVY LEAGUE TOUR—The above group of boys is part of a larger entourage of Alaskan youth that will be touring the Center over the weekend under the auspices of Navy League chapters from three areas in Alaska. The above photo was taken at Elmendorf AFB. The boys will arrive at the Center on June 27.

D-4 Panel Meets Recently at NWC Corona Labs

Nine prominent scientists met recently at the Naval Weapons Center in Corona and in their own way are helping to shape the future of the world.

Known as the D-4 Panel of the Technical Cooperation Program, these research people were concerned with guided missile fuze technology improvement.

The Technical Cooperation Program was established in 1957 by the President of the United States and the Prime Minister of Great Britain.

They recognized that countries of the Free World are interdependent, that national self-sufficiency was out of date, and that only by sharing and cooperating in tasks and resources could safety and progress best be found.

Four nations, Australia, Canada, Great Britain, and the United States are united under the cooperative program.

Covering a wide range of activity, it is only natural that the working groups be divided by subject matter, and further divided into sub-groups of more specific endeavor.

The informally operating "committee" style meetings increase the exchange of information between research groups working on similar problems which are mutual to all concerned. The arrangement also contributes to better understanding and communication among the scientists.

The distinguished visitors from England were Mr. A. Morgan, R. Johnson, and R. Aspinall. Representing the U.S. Army Materiel Command were G. Burke and W. Ralph. J. P. Castillo is from the Air Force Weapons Laboratory, Kirkland; and K. H. Sann was on board from the Harry Diamond Laboratory, Washington, D.C.



\$500 BENNY SUGG — Hershel Hicks, right, an employee of the Test Management and Production Evaluation Branch, Propulsion Development Department, is shown receiving a \$500 Beneficial Suggestion Award from Dr. G. W. Leonard, Head of the Propulsion Development Department. The award, based on a savings of \$10,000, was for Hicks' suggestion regarding the development of a Portable Flex Oven.

Safety Reminds Watch Backing

Records from the Naval Weapons Center Traffic Court show that about one accident a month occurs in the Center parking lots and the majority of these happen as the vehicle is backing.

Other problems are: The driver has not pulled straight into the parking stall and as a result one corner of the car is over a line, or the driver parks on the line to take up a part of two spaces and other drivers have to crowd in as best they can.

Parking lots here at the Naval Weapons Center and elsewhere may have limitations. Some are laid out and striped for parking slots and some are not. In almost all parking lots, because of severe space limitations, the driver must do some driving in reverse in order to leave the lot.

By making sure clearance is adequate and other vehicles have sufficient room to clear your vehicle many of the parking lot vehicle accidents can be avoided.



THOMAS T. CHAPMAN, Head of the Ordnance and Range Safety Division, NWC Safety Department, is shown holding a plaque he received from Joseph Logan, Chairman of the Red Cross Safety Services for Kern County. The award is presented quarterly to the First Aid Instructor who has contributed the most to the advancement of First Aid practices.

Rescue Groups Ready for Vacationers

Mission and Purpose of IWV Search and Rescue Groups Shown

With the beginning of the summer vacation season, people everywhere will be spending more and more of their time in the great out-of-doors. Due to the increased amount of leisure time and technological advances that have been made in recent years with respect to four-wheel-drive vehicles, self-sustaining camper units and the like, more and more people will be advancing into wilder and wilder regions of the surrounding terrain.

Because of their inexperience with the environment and, in some cases, just plain carelessness, a lot of these people are going to find themselves in a heap of trouble.

Those hardy adventurers who wander into the area surrounding the Indian Wells Valley will be fortunate, in a way, to have two dedicated groups available who will be constantly on tap to handle the various emergencies that are sure to arise.

The two groups are known as the China Lake Mountain Rescue Group (CLMRG) and the Indian Wells Valley Search and Rescue Team (IWVSAR).

Although these two groups are similar in that they perform the same basic functions with respect to the jobs they are trained to do (that is, to save peoples' lives), they are different in the types of operations they undertake and the type of service they have trained themselves to provide.

Specifically, the China Lake Mountain Rescue Group is a group skilled in all of the ramifications involved in mountain rescue.

It is a group skilled in the technical aspects of the use of roped belays, pitoncraft (placing iron pegs or stanchions usually for the purpose of securing a rope), rappelling, and other techniques that allow for rapid deployment to an accident site.

By definition, their missions usually take them to extremely hazardous and isolated mountainous terrain. As a result, they have trained themselves to be self-sufficient, carrying supplies and needs for three days operations on their backs.

In the past, the China Lake Mountain Rescue Group has been directly responsible for recovery of downed pilots, stranded campers, flood victims, and unfortunate hikers who have fallen and injured themselves, frequently in inaccessible mountainous areas from which they cannot escape.

In contrast, the Indian Wells Valley Search and Rescue Team specializes in recovery operations that involve underground workings, such as mines, caves, tunnels, wells and similar excavations.

The team is completely equipped to travel underground, in good or bad air conditions, and to explore extensive underground workings in maneuvering patterns devised to locate victims that are lost or disabled.

As are their mountaineer counterparts, members of the IWVSAR have been thoroughly

trained in all aspects of administering First Aid, and have been responsible for the recovery of numerous accident victims in the local area and elsewhere.

While the fields of specialization of these two groups are literally worlds apart, there are many areas of similarity between the two.

For instance, both groups operate under the auspices of the China Lake Office of Civil Defense and, from time to time, members of both groups have been sworn-in as deputies by the Kern County Sheriff's office. All of the members of both organizations have completed basic courses in First Aid and many have had certified training in advanced First Aid training.

Many of the members of both teams provide their own vehicles and personally-owned equipment and cheerfully assume their own expenses for travel and provisioning.

In addition, the groups are often called upon to work together on various operations that include large-scale search missions. As a matter of fact, depending on the circumstances, they are often joined by rescue teams of other organizations such as the Civil Air Patrol and search and rescue teams from other towns and cities in the surrounding area, including units with Bloodhounds.

Occasionally, personnel and equipment of the Naval Weapons Center have been pressed into service to assist with these operations. Helicopters, aircraft, communications facilities and other related functions and equipment have been frequently used to assist with area search and rescue operations.

Even though both of the local groups, the CLMRG and the IWVSAR, have spent many selfless hours in training and preparation for the various types of emergencies that will arise, nothing would make them more grateful by way of recognition than not to have to use their skills except for periodic drills.

Their activities will be sharply curtailed, generally speaking, if travelers to the back country take the time to exercise continuing caution on outings and explorations.

Some tips are listed below for the benefit of inexperienced individuals who are contemplating an adventure into the surrounding terrain.

First, one should read a good book on the area one is planning to traverse. The CLMRG and the IWVSAR both recommend "Common Sense In Desert Travel" by Carl and Barbara Austin, which is on sale now at the Maturango Museum. This book, or one like it, should be as much a part of the equipment carried as a canteen or an ax.

Second, always travel in the company of others. Don't hike or climb alone and be sure to let others know of your approximate whereabouts and when you expect to return.

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HIGH POINT PICK-UP — Helicopters and other aircraft from NWC and other military installations in the general area often assist rescue groups in search and rescue operations. Above, the China Lake Mountain Rescue Group participates in such a drill.



RESCUE DRILLS — A unit of the Indian Wells Valley Search and Rescue Team is shown above going through a drill in preparation for lowering one of their number into an excavation or well for the purpose of making a rescue.