

NEW CADET OFFICER-Michael D. Ross, center, is shown receiving the Billie Mitchell Award, elevating him to the rank of Cadet Warrant Officer, following a ceremony held June 18, in the headquarters building of the Civil Air Patrol, Composite Squadron 84, 355 McIntire Street, on the Center. The new Cadet Officer is the first one the squadron has had for several years. Major Charles T. Ross, right, father of the young Cadet, and former Commander of the squadron, bestows the award. Captain Ralph MC Clendon, Composite Squadron 84 Commander, looks on.

LEO D. SCHULTZ

The last remaining student

Lake has just been awarded

4061, whose thesis, written un-

der the direction of Prof. Vern-

on Denny, is titled, "An Appli-

cation of Time and Space Var-

iant Boundary Conditions to an

Electrical Analog of Two-Di-

University with a B.S. in Chem-

ing to Code 4061 in January,

SLOW-PITCH STANDINGS

Washington.

Warriors

mensional Heat Transfer.'

the M.S. degree.

#### Mission, Purpose Of IWV Rescue **Groups Shown**

(Continued from Page 5) Third, stay away from old mines and other underground

terrain. Odorless gases, air depletion, and hundreds of other hazards could be swiftly fatal.

Fourth, if lost, don't panic. Keep moving until you come to a rise or landmark where you can be seen. Try to get to a road or obvious trail where you could possibly be met by someone who knows the area. In addition, build a signal fire or otherwise find a way to attract attention.

The China Lake Mountian Rescue Group is currently led by Al Green - while the Indian Wells Valley Search and Rescue Group is directed by Dall Hughes. Interested persons who would like to become part of these dynamic rescue teams are encouraged to do so by contacting either of the men named above.

#### Civil Air Patrol

The China Lake Civil Air Schultz, who acquired grad-Patrol, Composite Squadron 84, uate status in 1966, completed hosted a meeting of Group 14 his course work before terminofficers and cadets on June ation of the graduate program 14 and 15. Group 14 is headin June, 1968, and has spent quartered at Bakersfield and the past year in independent consists of 10 squadrons within study working on his thesis. the local area. He is a graduate of Seattle

Approximately 30 cadets and Senior Officers assembled at NWC for a Traveling Group Conference at Michelson Lab on June 14. Matters pertaining to Search and Rescue missions and routine squadron reports, as well as the upcoming Sumfive children, Schultz lives at mer Encampment for Cadets 505 Kearsarge. of the group, were discussed at the conference.

Lt. Colonel Vernon Pierce of Shafter, Calif., was in charge of the conference.

Watching the scenery instead of the car ahead is a good way to become part of both of them.



ROCKETEER

Future ratings for motion pict hown at the Center Theater will be based on two different types of ratings—the familiar Parents' Magazine stings, and the new MPAA (Motion icture Association of America) ratings (The Parents' Magazine ratings will ventually be superceded completely by

ne MPAA ratings.) The rating designations are MPAA\*

(M)-Mature audiences, pa use discretion. R)—Restricted, persons under 16 ad mitted only with parent or lega

PARENTS'\*\* (A)-Adult (Y)-Youths 13-17 (C)-Children 8-12 (M)-Mature for Y & C

"SERGEANT RYKER" (86 Min.) Lee Marvin, Vera Miles

7:30 P.M. (Drama) Who could prove the sergeant was sent on an intelligence mission behind enemy lines? The officer who allegedly issued his orders was dead! Was he guilty of treason as charged? A compelling story of war. \*\*(A.Y.)

Shorts: "Quack Shot" (7 Min.) "AFMR No. 647" (19 Min.)

--MATINEE--

"CATTLE KING" (89 Min.) Robert Taylor 1:00 P.M. Shorts: "Magical Maestro" (7 Min.)

> --EVENING-"TONY ROME" (110 Min.) Frank Sinatra, Jill St. John 7:30 P.M.

(Mystery/Melodrama) Private eye docks his boat in Miami only to find a detective friend in a small hotel needs his help. A fast moving adventure packed with action as Frank unravels blackmail and murder. \*(M) \*\*(A)

SUNDAY-MONDAY JUNE 29-30 "CHARRO" (98 Min.) Elvis Presley, Ina Balin 7:30 P.M.

(Western) Bad gunman, who's gone straight, is framed for the theft of a solid gold historical cannon by his former gang. But now he's a deputy marshall, out to defend law and order-with blazing guns and iron fists! \*(G) \*\*(A,Y,MC) Short: "Pinkcome Tax" (Pink Panther, 7 Min.)

TUESDAY-WEDNESDAY JULY 1-2 "SECRET CEREMONY" (109 Min.) lizabeth Taylor, Mia Farrow, Robert Mitchum

7:30 P.M. (Drama) In her emotional decline, the rich young girl believed the destitute streetwas actually her mother, so she from the UCLA Off - Campus took her to the palatial home where the Graduate Program at China web of incest and maternal love unfolds.

Short: "Fistic Mystic" (7 Min.)

He is Leo D. Schultz, Code THURSDAY-FRIDAY JULY 3-4 "SUBMARINE X-1" (89 Min.) James Caan, Rupert Davies, David Sumner 7:30 P.M.

(War/Drama) Now it's declassified, the story of the 'mini-subs and "Operation Jonah," the plan to sink the Lindendorf. Panther, 7 Min.) "Sky Capers" (14 Min.)

#### CENTER LIBRARY LISTS NEW BOOKS

A complete list of new books ical Engineering. Before com- is available in the library. Fiction

1964, he was an engineer at Coogan—The Big Wind. Boeing Aircraft in Seattle, Ferman-Once & Future

With his wife, Melba, and McCutchan—Screaming Dead Balloons Markandaya-The Coffer Dams.

Malamud-Pictures of Fidelman. O. Henry Memorial Awards. Prize Stories, 1969.

Non-Fiction American Foundation for Continuing Education — The Mystery of Matter.

#### HOUSING ASSIGNMENTS

APRIL, 1969-LEVELS REACHED Type-Housing Priority Group Hiral Date Type-Housing Priority Group Panamint (4)-None Panamint (4)-None Panamint (3)-None Panamint (3)-None JOQ (2)-CC JOQ (2)-None \* MOQ (3)-None MOQ (3)-None Hill Duplex (3)-None Hill Duplex (3)-None Hill Duplex (2)-None Hill Duplex (2)-None Wasp Circle Duplex (3)-Non Wasp Circle Duplex (3)-None Joshua (4)-None Joshua (4)-None Yucca (4)-None Yucca (4)-None Tamarisk (4)-None Tamarisk (4)-None Juniper (3)-None Juniper (3)-None Old Duplex (3)-None Old Duplex (3)-Non-10-3-66 Old Duplex (2)-CF Old Duplex (2)-Cl 9-21-67 Old Duplex (2) (LBP)-CF Old Duplex (2) (LBP)-CH Normac Duplex (3)-None Normac Duplex (3)-None 10-9-66 Normac Duplex (2)-None Normac Duplex 2()-CC Wherry (4)-None Wherry (4)-None 3-10-69 Wherry (3)-CF Wherry (3)-CI Wherry (2)-CK ....4-5-67 Wherry (2)--CH Normac (3)-CI ...Critical Normac (3)-CI Critical 5-8-69 Normac (2)-CK .10-4-68 Normac (2)-None ..9-10-62 Normac (1)-CG ..5-12-69 Normac (1)-CH Letourneau (2)-CK .. 10-4-68 Letourneau (2)-None 5-7-69 ..5-22-67 Hawthorne (4)-SH Hawthorne (4)-CI Hawthorne (3)-None Hawthorne (3)-None Hawthorne (2)-None Hawthorne (2)-None Hawthorne (1)-None Hawthorne (1)-None Apartment (3)-None Apartment (3)-None Apartment (2)-None Apartment (2)-None 11-16-65 Apartment (1)-None Apartment (1)-CC ..9-9-68 Apartment (0)-None Motel (1)-CA ...4-2-69 Motel (1)-None Motel (0)-SE ...4-21-69 Motel (0)-None

#### Local Swim Club Wins Meet

(Continued from Page 6)

Valley, 397; Park Stockdale, ed first among the boys. 194; Wasco, 160; Aqua Aces (Bakersfield), 123; Bishop, 46, and Maricopa, 6.

Eight and under - Girls, Lisa ming pool. Smith, IWV, and Sheryl Randle, IWV, tie; boys, Martin Milburn, Aqua Aces, and Ken Butcher, Park Stockdale, tie. Nine and ten year olds girls, Susan Goettig, IWV; boys, James Fowler, Apple Valley. Eleven and twelve age group - girls, Jan Hillard, IWV, and boys, John Smith, IWV. Thirteen and fourteen -girls, Kris Bjorklund, IWV;

boys, Mike Badalich, IWV. In the 15 to 18 age group Barb Shaw, from Apple Valley, won the girls' trophy, and Rick Bjorklund, of IWV, plac-

On July 4 the Red Suits will travel to Apple Valley to compete in an all-relay Individual high point troph- meet against Apple Valley. ies were awarded to the win- Then on July 12, they will go ners of the individual classes against Apple Valley and Anby Beth Bjorklund, widow of telope Valley at the Commis-Russ Bjorklund. They are: sioned Officers' Mess swim-





SPONSORS FARM LEAGUE REDS-Cdr. W. R. Guffy, (I), Deputy Director of Supply, is shown receiving a Certificate of Appreciation from Lt. Walter L. Czerwonka, manager of the Reds, a Little League Farm Team, in appreciation for sponsoring the Reds. The team is currently in first place in the Farm League.

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#### Albert S. Gould, Center Pioneer, Retired Friday

By Budd Gott

On Friday, June 20, the Weapons Development Department of NWC aluted Albert S. Gould, r., and his wife, Charlotte, 1945 Center pioneers, with a retirement party in the Community Center.

Active in civic, school, and church affairs, both Al and Charlotte left their imprint on the community ever since Al accepted an ordnance engineer position with the old Research and Development Department on June 1, 1945.

In is 24 - year tenure at NWC, Al's experience, knowledge, and judgment earned him nation - wide recognition in the field of ordnance and the area of conventional weap-

A native of Boston, Mass., Al received his BSEE degree from CalTech. The ink was hardly dry on his diploma when he took a job with General Electric and spent the next 18 months in Moscow designing power substations and steel mill electric equipment for the Russians.

During the early 1930's, he traveled extensively throughout Europe and in 1934 joined the California Relief Administration as an employee not as a recipient. From 1935 to 1942, Al was

a sales representative for an electrical firm and conducted his own consulting service.

In December, 1942, he entered the ordnance field working with Dr. C. C. Lauritsen at CalTech on launcher design and development.

During that time, Dr. Lauitsen, a pioneer in rocketry, was in charge of the CalTech's rocket program for the Navy and played an important role in the founding of the Naval Weapons Center. In June, 1945, Al came to

China Lake to head the Launcher Design and Development Section and later was selected to head the Development Division of the old Rockets and Explosives Depart-

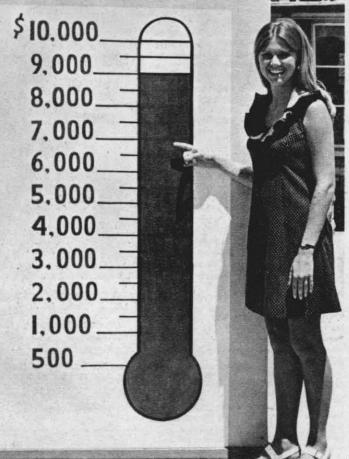
During this period, he contributed to the development of the 2.75-inch rocket, Weapon A, and the old HPAG which was later modified for the propulsion unit for Sidewinder.

Frank Kneymeyer, Weapons Development Department Head, pointed out at Al' sretirement party that Al's first signed by Dr. L.T.E. Thompson, the Center's first technical director, and Dr. Bruce (Continued on Page 3)



ALBERT S. GOULD, SR.

# NAVY RELIEF \* FUND \*



ALMOST TO THE TOP-Debbie Murphy, 1969 Burroughs Homecoming Queen points to the Goal Indicator at the Main Gate of the Center which indicates that 90 percent of the goal set by the Navy Relief Fund has been reached. Debbie will be on hand at 10:30 a.m. on Saturday in Bennington Plaza to pull the winning tickets for the Camaro and other Navy Relief prizes. Saturday's drawing will culminate the month-long effort which began May 22. Much of the success of the current drive must go to the key-men in each Department on the Naval Weapons Center. LCdr. C. M. Bates has stated that if the drive reaches the 95 per cent mark it will top all previous records. Money collected will go to aid stricken Navy families in emergency situations.



NAVA Vol. XXIII, No. 25 Naval Wesspons Center, China Lake, Catifornia Fri., June 27, 19 PONS Grand Prize Drawing

Grand Prize Drawing

# GOAL....\$ 10,000 Relief Drawing This Saturday

Some lucky person will become the owner of a 1969 Camaro Sports Coupe, the grand prize in the 1969 Navy Relief Society Fund Drive, which will be given away at a drawing held Saturday, June 28, at 10:30 a.m., in front of the Station Theater.

#### Tree Borers Big Problem On Center

China Lake is facing a crisis from borers. Not the kind to avoid at a party but voracious insects that have already killed nearly one per cent of our shade trees in a year.

The borers are a type of beetle that eats through the bark of deciduous trees to deposit eggs. Larvae hatched from the eggs fatten on the inside of the trees and then turn into grubs that eat their way to maturity.

These insects have killed about 350 trees in the past year. They were first found attacking cottonwoods at China Lake, then a species or borer was found in the elms that line many streets and give shade for homes.

Recently infestation has been found in fruitless mulberry trees in the Capehart sites. Exactly which species of borer is attacking these popular shade-givers has not been determined. Normally the fruitless mulberry is a hardy tree with excellent resistance to

Signs of infestation are easily detected. Small holes can be seen in the trunks and limbs (Continued on Page 3)

In addition to the Camaro, there will be other prizes donated by local business men and awarded to lucky ticket holders. These donors include The Shopping Bag, Jim Wheeler's Western Auto Supply, Ship's Bell Jewelers, Kings for Women, The Gift Mart, and Montgomery Ward and Co.

LCdr. C. M. Bates, coordinator for this year's drive, has stated that the drive looks like a success. To date over 90 per cent of the goal of \$10,000 has been reached, and the mark should reach 95 per cent before the drawing. LCdr. Bates reminds local residents that contributions are still being accepted and tickets will be for sale right up until time for the

He would also like to thank the many businesses who have contributed to this year's events. These businesses are: RIDGECREST

> Montgomery Ward & Co. Bud Eyre Chevrolet Co.; Ridgecrest Automotive, Don Padgett; Genge Industries Inc.; Comarco: Joe's Mobil Service Station; Mary Sue's Shop; Davis Pool & Patio Supply Co.; Arrowsmith Tool & Manufacturing Corp.; Ridgecrest City Cleaners; Cue Club; Midway Motel: Miracle of Charm Beauty Shop; and Bonnie's Ladies

Also in Ridgecrest are: Cornelius Shoe Store; Hamel's Fur-(Continued on Page 3)

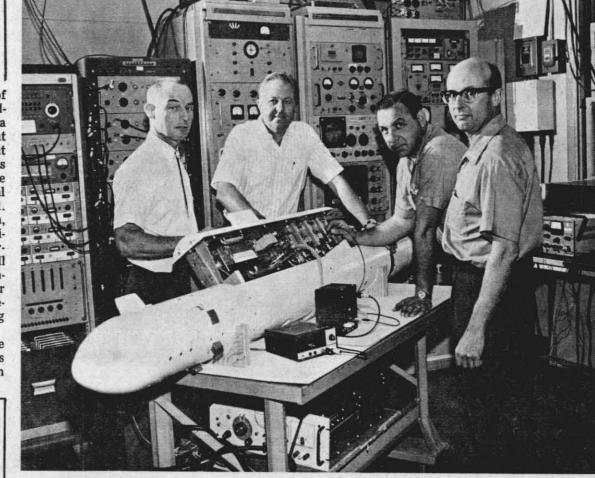
#### Credit Union Declares 5½% **Dividends**

The Board of Directors of the Naval Weapons Center Federal Credit Union held a special meeting June 13, at which they concurred that dividends on share deposits would be 5.50 per cent for the first half of 1969. The total dividends paid will be \$182,741.

According to J. E. Goza, Credit Union manager, dividends will appear on the quarterly statements sent to all members after July 1. Members are urged to review their statements carefully, and retain them as an aid in filing income tax returns.

The dividend paid will be the largest in Naval Weapons Center Federal Credit Union history, Goza stated.

SKCM Byron Nelson has announced that the Commissary Store will be closed Monday, June 30, for inventory, and again on July 4, Independence Day. However, he stated the store will remain open from 1000 to 1800 hours on Wednesday, July 2.



TELEMETRY SIMULATION—Shown above, left to right are B. E. Bishop, W. E. Larson, E. D. Doherty and Clarence Waltner of the Corona Laboratories making a final check

before closing one of the UHF telemetry simulation pods recently built in-house at Corona for delivery to the Pacific Missile Range. (For more details, see page 3).

Friday, June 27, 1969

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 Woofer and a

Woofer: "Let's stop at Mary's Place and get crocked." Tweeter: "Is that the thing to do on liberty?"

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

Tweeter: "What's Ego?"

Woofer: "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 Woofer?"

Woofer: "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. The course is a phonetic system developed by Dr. Frank Laubach. The course is taught on a one-to-one ratio based on Laubach's concept of "Each one teach one." The unusual school has no semesters, no entrance requirements, no graduation and no grades.

#### The Rocketeer

Official Weekly Publication U. S. Naval Weapons Center China Lake, California Capt. M. R. Etheridge, USN

Public Affairs Officer

Joan Raber Associate Public Affairs Officer (Acting) Director of News Bureau William P. Valenteen, Jr

> Jack C. Lindsey Lucille Edwards

PH1 Gary D. Bird, PH2 Delmar E. Hart, Staff Photographers

#### DEADLINES:

.. Tuesday, 4:30 p.m. 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

.... 71354, 71655, 72082

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.

DIVINE

SERVICES

Holy Mass-7, 9:30 a.m., and 12:30 p.m. Daily Mass-11:30 a.m. in Blessed Sac

Roman Catholic (All-Faith Chapel)-

rament 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

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.

#### PROMOTIONAL **OPPORTUNITIES**

Present Center employees are en-couraged to apply for the positions isted 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.

Administrative Assistant, G5-341-6 or 7, Code 8501—This position is assistant to the Associate Department Head, Command Administration Department. Duties include preparation of Department budget, finan cial reporting, plant account, and assistance in management studies, planning, manpow er utilization, personnel and general administrative duties. Qualifications: FSEE eligibility is required of all applicants. Experience of an administrative or clerical nature

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. Qual fications: 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

File applications for the above with Car-ole 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 compila tion and dissemination of information re garding identification, classification, utilization, and determination of value and rates of attrition of manufacturing, construction and automotive equipment, housing, and various buildings and structures.

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



BELL - recently reported aboard the Naval Weapons Center to assume the duties 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

LT. LAWRENCE W. CAMP-





Mike Weinberg, manager of the Club Chaparral, has announced that "The Gents," a popular group from Mojave, will appear at the Club June 27. Centerites are invited to an evening of dinner and dancing.



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

Officer, stated recently.

According to the latest figures, cases of infectious hepatitis reported in 1968 showed an increase of 6,773 over the on the virus. However, Gamma 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

"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

"It is characterized by loss of appetite, pain in the abdomen, fever and chills, as well

# Club Chaparral

The rising trend of Infecti- as aches and pains in the back ous Hepatitis is concerning and limbs, tiredness, nausea, health officials throughout the with or without vomiting, and United States, Dr. Owen A. jaundiced or yellowish appear-Kearns, Kern County Health ance of the skin," Dr. Kearns

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

"While the disease is more 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

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.



## Pay Increase News Dominates July Interest

## President Signs July 1 Pay Raise for Military Personnel

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

							0.0.				( 40)				
0-101			\$1874.10	\$1874.10	\$1874.10	\$1874.10	\$1945.80	\$1945.80		2094.90 \$22	44.90 \$224				
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0-8			1496.70	1532.40	1532.40	1532.40	1646.40	1646.40	1724.10	724.10 17	95.80 187	4.10 1945.	80 2024.10		2024.10
0-7		. 1207.20	1289.70	1289.70	1289.70	1347.00	1347.00	1425.30				9.80 1759.			1759.80
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0-5		715.50	840.90	898.20	898.20	898.20	898.20	926.10	975.60	040.70 11	18.70 118	2.90 1218.	30 1261.20	1261.20	1261.20
0-4			734.40	783.90	783.90	798.00	833.70	890.48	940.50	983.40 10	26.30 105	4.80 1054.	80 1054.80	1054.80	1054.80
0-32			627.00	669.60	741.60	776.70	804.90	848.10	890.40	912.00 9	12.00 91	2.00 912.	00 912.00	912.00	912.00
0-22			534.00	641.40	662.70	676.50	676.50	676.50	676.50	676.50 6	76.50 67	6.50 676.	50 676.50	676.50	676.50
0-12		386.40	427.80	534.00	534.00	534.00	534.00	534.00	534.00	534.00 5	34.00 53	4.00 534.	00 534.00	534.00	534.00
<sup>1</sup> White serving Corps, basic pay <sup>2</sup> Does not app	for this grad	le is \$2,807.	10 regardle cers who l	ess of cum have been	credited w	rs of ser	rvice. 4 years' ac	ctive servic	e as enliste	d members.		e Air Force,	or Comma	ndent of t	he Marine
			OFF	ICERS CRE	EDITED WIT	H OVER	4 YEARS /	ACTIVE SEI	RVICE AS E	VLISTED ME	MBERS	TV-121-W	Py and		
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0-2 0-1		662.70 534.00	676.50 570.30	698.10 591.60	734.40 612.90	762.9 634.2				783.90 662.70	783.90 662.70	783.90 662.70	783.90 662.70		
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W-3	519.30	563.30	563.40	570.30	577.20	619.5	655.2	20 676.	50 698.	0 719.1	0 741.60	769.80	798.00	826.50	826.50
W-2	454.80	491.70	491.70	506.10								690.90	719.10	719.10	719.10
W-1	378.90	434.70	434.70	470.70	491.70	513.0	534.0	00 555.	90 577.	598.5	0 619.50	641.40	641.40	641.40	641.40
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E-91		e endre	, ,				\$648.9	90 \$663.	90 \$679.	90 \$694.2	0 \$709.50	\$723.60	\$761.70	\$835.80	\$835.80

#### **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 re-flect pay accrued from the pay period of 13 through 26

July.

This last pay raise is the final phase of a planned gradual levelling 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

						77.70	District Services			The state of the s
Step	1	2	3	4	5	6	7	8	9	10
GS- 1	\$ 3,889	\$ 4,019	\$ 4,149	\$ 4,279	\$ 4,408 \$	4,538	\$ 4,668	\$ 4,798	\$ 4,928	\$ 5,057
2	4,360	4,505	4,650	4,795	4,940	5,085	5,230	5,375	5,520	5,665
3	4,917	5,081	5,245	5,409	5,573	5,737	5,901	6,065	6,229	6,393
4	5,522	5,706	5,890	6,074	6,258	6,442	6,626	6,810	6,994	7,178
5	6,176	6,382	6,588	6,794	7,000	7,206	7,412	7,618	7,824	8,030
6	6,882	7,111	7,340	7,569	7,798	8,027	8,256	8,485	8,714	8,943
7	7,639	7,894	8,149	8,404	8,659	8,914	9,169	9,424	9,679	9,934
8	8,449	8,731	9,013	9,295	9,577	9,859	10,141	10,423	10,705	10,987
9	9,320	9,631	9,942	10,253	10,564	10,875	11,186	11,497	11,808	12,119
10	10,252	10,594	10,936	11,278	11,620	11,962	12,304	12,646	12,988	13,330
11	11,233	11,607	11,981	12,355	12,729	13,103	13,477	13,851	14,225	14,599
12	13,389	13,835	14,281	14,727	15,173	15,619	16,065	16,511	16,957	17,403
13	15,812	16,339	16,866	17,393	17,920	18,447	18,974	19,501	20,028	20,555
14	18,531	19,149	19,767	20,385	21,003	21,621	22,239	22,857	23,475	24,093
15	21,589	22,309	23,029	23,749	24,469	25,189	25,909	26,629	27,349	28,069
16	25,044	25,879	26,714	27,549	28,384	29,219	30,054	30,889	31,724	32,559
17	28,976	29,942	30,908	31,874	32,840			100		
10	22 405									

#### CG Auxiliary To Observe Boat Week

Earl Hart, Commander of Flotilla 76, U.S. Coast Guard boating organizations and groups throughout the nation in observance of the theme, tional Safe Boating Week, June Lake Isabella," he said. 29 through July 5.

The President of the United States has proclaimed this need to keep Boating safe.

"Safety First — The Golden chalked up 75 boat patrol hours drowning victim." Rule of Boating," during Na- and 144 man-patrol hours at

"Members of the local Flotilla made a definite contribution toward boating safety period National Safe Boating during the Memorial Day out-Week annually since 1957 to ing," Commander Hart remarkserve a two-fold purpose: to ed. "In addition to its regular pay tribute to the men and or- duties, the group helped to ganizations that have built rescue boats stranded in rough Boating's enviable safety re- water; aided an overloaded cord; and as a means of re- boat crew when waves got minding the nation's 42 mil- higher than their freeboard; lion boating enthusiasts of the took aboard a number of

stranded persons who were Commander Hart stated that beached due to sudden rough Auxiliary, has announced that Flotilla 76 is working diligent- water conditions; towed a cabthe group will join all other ly toward an impressive safe- in cruiser to the marina for ty record for the current year. fuel, and assisted in the con-"During the recent Memorial trol of boat traffic during the Day weekend the Flotilla recovery of a little six-year-old



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

ny/Colt League will hold its vision title. 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 doubleelimination 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

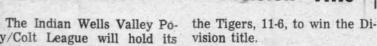
Tournament play will be suspended over the holiday with play resuming Monday, July 7, with a single game at 8 p.m. each evening until the tournament winner is decided. Pony League

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 Yank-ees 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/ invite all Valley residents to 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



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 freehitting 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 leagueleading 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

#### **Bjorklund Meet Won By IWV Swim Team at COM Pool**

Colt League officials, cordially Swim Team, coached by Carol Chatterton, emerged the winattend these tournament ner 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)



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.



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.

Team-Ace T.V.

N.A.F.

Ridgecrest Shell

### Andreasen Outduels Galloway, 1-0

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 Andreason 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 a sacrifice off the bat of Drex Moulder. and a single by Max Smith to drive in Ayres.

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

### **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 be-

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 Hebert'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

In other games played in the past week, on Monday, June 16, the Magic Cleaners squad beat Genge 12-4 as Dave Tay- has announced that players or lor hit two home runs for Mag-

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

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 Magic Cleaners 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 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-

Ridgecrest Shell and Ace-TV, with 63 innings pitched. The washed NAF, 4-0. Harlan Herone run scored against Gallo- shley hit a three-run homer in way brought his ERA to 0.200. the bottom of the fourth in-

Friday, June 27, 1969

Blaine Davies, official scorekeeper of the softball league, managers wishing to obtain individual statistics on any member of the league, may do so by calling him at 75821, between 4:30 and 5:30 p.m. on weekdays, or anytime during the weekend. He will also have the statistics with him at Reardon Field, during a game.

Genge 1	7		.13	25	7
VX-5 1		3	.1	12	71/
BATTIN					
(19 or more	1000	oats	(.)		
Name—Team			200	RBI	Pct
Dick Clodt, El R.	21	10	0	7	.47
Bill Martin, R.Shell	21	10	0	1	.47
Denny Crager, Ace T.V.	30	14	0	2	.46
Don Sichley, Genge	21	9	0	5	.42
Drex Moulder, R.Shell	37	16	- 1	5	.42
Don Williams, M.C.					
Bob Crawford, Ace T.V.	35	14	1	5	.40
Roger Short, R.Shell	35	14	0	4	.40
Max Smith, R.Shell					
Wally Parmenter, M.C					
THE RESERVE AND DESCRIPTION OF THE PERSON NAMED IN				-	_



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, looks 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 retire-

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,

Just this year, Al resigned from the high school board but will continue to serve as president of the board of trustees Ken's Liquor Store; Hot Spot; of the Kern Junior College A & L Tire Company; Wayside

Harold Metcalf paid tribute the Protestant Congregation of the All Faith Chapel.

He noted that Charlotte had 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

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 Ridge-

#### **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 Invokern 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.

They were the most highly decorated military unit of World War I, and after World War II, the Corps was awarded a special commendation for its outstanding record of service and devotion to duty in that conflict, the only Corps within the Navy to be so honored. The above celebrants managed to attend the party, held after duty hours.

#### **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; Court Motel; McCormick Tire Co.; Twin Palms Motel; The to the Gould's long service to Host; and the Medical Arts

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

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

Ted Lang Chevron Service; Hardware; Gaasch's Sleep Sidewinder Bar; Baker Brothers; Andy's Automotive Serv- Loan; Beneficial Finance; Anice, and Van Dyck Motors.

Wiltsie Western Den Shop; Nestell's Y-Market; Mt. Tom Motors, and Maico Hearing Motel; United Bishop; Fosters Aids. Hacienda Motel; Bishop Chevron Service; Ed Oechsner; Economy Motor Parts, Inc.; Mike's Shell Service: Dawn Mc-Intosh, 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;

Lancaster

Authorized Appliance Mainten-

ance; Gene McBride Imports,

Inc.; Sanders Jewelers; Brand

Appliances; Griffin & Sons

Household Finance Corp.;

Catholic Chapel Fund; and the Harrison's Sales Agency; Mode All Faith Chapel. O'Day; Bishop Imports, Inc.: Others are The House of Des-The Clothes Tree; Downey T.V.; mond in China Lake; and in William H. Hartshorn; Mary's Kernville, the following organ-Specialty Shop; and the Chicken Owens Broasted.

tributor.

Hiway Auto Service; Dave tiac-Cadillac, Inc.; Pioneer Lin-

Pine Cone Lodge; Hi - Ho Lodge; Hi - Ho Resort; S. C. Barnes: F. M. Wolf Automotive Service; and Harold Barnes. In Olancha, Olancha Han-

cock Service was also a con-

Shoppe; American Savings &

coln Mercury; Jim Galbraith

Lone Pine

Associates: Lasky Radio & Tel-

evision; Walt's Kitchen; Dow

Villa Motel; Dale's Chevron

Service; Dow Villa, Inc.: Bobo's

Shop; and Lone Pine Mobile.

Other Organizations

The Protestant Chapel Fund;

Ellis Motors; Western Auto

CHANGE CHAIRS-Al Wiruth (I) 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.

### Scholarship telope Valley Camera Center; neeay 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 Bonanza; Mi - Lady's Dress in preparation for a teaching

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 Cen-

#### 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 the outer surface of the pod. The pod is designed to operate at temperaturers 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

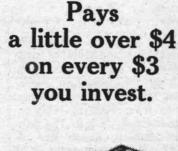
The pods have the capability of transmitting on one, two or three frequencies that have been chosen from a group of seven n the UHF and VHF telemetry bands.

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

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.

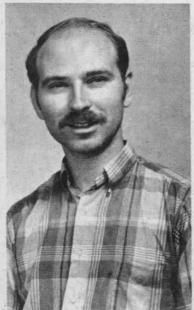
Bruce E. Bishop, head of the Applications Branch of Corona Laboratories is in charge of the construction project. Other NWC personnel who have contributed significently are W. E. Larson, Clarence Waltner, G. T. Parish and E. D. Doherty.

fabrications has been delivered and it is expected PMR will get the remainder during the month of July.





Take stock in America



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 twoyear 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 irrigational ca- ginally known as the "Buddy" self - sufficiency was out of nals by means of a step-bystep 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 residents and their families.

Backman will leave the Cenone 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

ROCKETEER

## **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 Ala-

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

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

This morning the boys visited the pool at the Commissioned Officers' Mess, following a world. 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

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

program, is administered by date, and that only by sharing the Chairman of the Shipmate and cooperating in tasks and program for the Navy league. resources could safety and pro-The object of the program is gress best be found. to acquaint young men with the opportunities that are offered and provided by the United States are united un-Navy and Marine Corps.

The Shipmate program provides excellent opportunities are approximately 1,000 resi- for the young men of Ameridents at the Mission, including ca to see the Navy and Marine dent upon the ingenuity of the more specific endeavor. gue and nourished by the co-

#### **Hunting Licenses**

Fish and Game offices and nication among the scientists. more than 3,000 license agents throughout the state of Calif- from England were Mr. A. ornia for the 1969-70 hunting Morgan, R. Johnson, and R. Asseason, reports the DFG.

The basic \$4 license entitles Army Materiel Command were hunters to pursue most upland G. Burke and W. Ralph. J. P. game, but separate tags are Castillo is from the Air Force striped for parking slots and required for deer (\$2) and bear Weapons Laboratory, Kirk- some are not. In almost all (\$1), and a federal stamp is land; and K. H. Sann was on parking lots, because of severe required to hunt migratory board from the Harry Diam- space limitations, the driver waterfowl.

Hunters may also purchase D.C. a new 1968-69 license if they

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

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

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 in-The Shipmate program, ori- ter - dependent, that national

> Four nations, Australia, Canada, Great Britain, and the der the cooperative program.

Covering a wide range of activity, it is only natural that the working groups be divided by subject matter, and further Corps "at work." It is depen- divided into sub - groups of

"committee" style meetings in- of these happen as the vehicle operation of the United States crease the exchange of information between research groups working on similar driver has not pulled straight problems which are mutual to all concerned. The arrange- a result one corner of the car Hunting licenses are now ment also contributes to betavailable from Department of ter understanding and commu-

> pinall. Representing the U.S. ond Laboratory, Washington,

Hosts to the visitors, and have moved or if their old lic- also members of the D-4 sub- adequate and other vehicles ense was lost or is in poor congroup Panel, were B. F. Hushave sufficient room to clear ten, and R. A. Boot, represent- your vehicle many of the park-Current licenses are valid atives of the Fuze Department, ing lot vehicle accidents can Naval Weapons Center.



\$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

Weapons Center Traffic Court show that about one accident a month occurs in the Center parking lots and the majority is backing.

Other problems are: The into the parking stall and as is over a line, or the driver parks on the line to take up a part of two spaces and other The distinguished visitors drivers have to crowd in as

> Parking lots here at the Naval Weapons Center and elsewhere may have limitations. Some are laid out and must do some driving in reverse in order to leave the lot.

By making sure clearance is 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 prac-

# Rescue Groups Ready for Vacationers

#### Mission and Purpose of IWV Search and Rescue Groups Shown

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

Friday, June 27, 1969

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

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 ac-

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

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 es-

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 thorough-

With the beginning of the ly trained in all aspects of summer vacation season, peo- administering First Aid, and ple everywhere will be spend- have been responsible for the ing more and more of their recovery of numerous accident While the fields of special-

ization 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 Blood-

Occassionally, 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 opera-

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

Their activities will be sharply curtailed, generally speaking, if travelers to the back country take the time to exercise continuing caution on out ings 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 compnay 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.

(Continued on Page 8)



HIGH POINT PICK-UP — Helicopters and other aircraft from NWC and other military installations in the general area often as-

sist rescue groups in search and rescue operations. Above, the China Lake Mountain Rescue Group participates in such a drill.



Wells Valley Search and Rescue Team is shown above going through a drill in pre-

into an excavation or well for the purpose of making a rescue.