

It's Luau Time Again



HAWAII BECKONS — It's that time of the year again when the magnetic powers of Hawaii beckon all to the famous Luau on the Lanai of the Officers' Club. This year's event will start tonight at 6 p.m. There will be a Happy Hour from 6 to 8 p.m. and dinner will start at 7. Dance music will be provided by the Tina Scherich group, and 13 entertainers will present the floor show.

Foreign Student Brazil Youth

Eduardo Costa, 17, of Campos, Brazil, will be the new American Field Service foreign student. He is expected to arrive around the first of August and will remain until school is out in June. He will reside with Dr. and Mrs. Howard Kelly of China Lake during his stay. Eduardo's interests include fishing, swimming, soccer and horseback riding. He is one of six children. Francisco Costa, Eduardo's father, is chief of the accounting section of the Bank of Brazil. Dr. Kelly is a research physicist for NWC and the father of four children ranging in age from 13 to 19.

SHOWBOAT

FRIDAY — **"THE RARE BREED"** (97 Min.)
James Stewart, Brian Keith, Maureen O'Hara
7:30 P.M.
(Drama) Poor Jimmy runs into all sorts of trouble trying to deliver Maureen's prize Hereford bull to its new owner, Brian. Crooked ranchers and modern hi-lackers, plus her romantic attraction lures up the whole of Texas. (Adult, Youth, Children)
Shorts: "To Beep or Not to Beep" (7 Min.)
(A Roadrunner)
"Tales of the Black Forest" (9 Min.)
SATURDAY — **MATINEE** —
"TWILIGHT IN THE SIERRAS" (67 Min.)
Roy Rogers
1:30 P.M.
Shorts: "First Aiders" (7 Min.)
"Frank & Jesse James" No. 3 (13 Min.)
EVENING —
"THE FASTEST GUITAR ALIVE" (88 Min.)
Roy Orbison, Joan Freeman, Sammy Jackson
7:30 P.M.
(Western/Musical) Two pairs of country cousins go to San Francisco to rob the mint for the Confederates. And after they do—the fun really starts! Or Roy can sure twang a mean guitar while he's funning his way to romance! (Adult, Youth, Very Mature Children)
Short: "Trail Ride" (21 Min.)
SUNDAY-MONDAY — **JULY 23-24**
"DEADLIER THAN THE MALE" (98 Min.)
Elke Sommer, Sylva Koscina
7:30 P.M.
(Spy/Drama) This wildest, funniest spy sizzler has gorgeous Elke and Sylva setting up themselves as controllers of a proposed multi-million dollar merger. See their fantastic means of eliminating their rivals (wow!) as they Karate and romance their enemies. The sexiest twosome to ever commit murder in a Bikini! (Adult)
Short: "Thousand Island Aquarama" (9 Min.)
TUESDAY-WEDNESDAY — **JULY 25-26**
"EASY COME, EASY GO" (95 Min.)
Elvis Presley, Dottie Marshall
7:30 P.M.
(Musical/Adventure) Elvis is a Navy frogman who discovers an old shipwreck believed to hold a treasure chest and he has to sing and swing a means of financing his salvage plans. Six new tunes and a bevy of pretties! (Adult, Youth, Children)
Short: "Skater Date" (17 Min.)
THURSDAY-FRIDAY — **JULY 27-28**
"A COUNTESS FROM HONG KONG" (113 Min.)
Marlon Brando, Sophia Loren
7:30 P.M.
(Comedy) What does a wealthy diplomat do when he finds pretty Sophia, a showgirl, in his shipboard cabin. He can't risk a scandal, but wants to help her gain entry into the U.S. Decisions, decisions—all in fun. (Adult, Mature Youth)
Short: "That's No Lady, That's Notre Dame" (7 Min.)

Ceremony Honors Local Man For 121,000 Landing

A cake-cutting ceremony honoring Ensign R. E. (Skip) Foulks Jr., who made the 121,000th arrested landing aboard the carrier USS Oriskany was held aboard the ship recently. Ens. Foulks, a member of the "Saints" — Attack Sqdn. 163 — made his record making landing in an A4E Skyhawk. His landing marked the third consecutive time that pilots from the "Saints" have claimed the honors for this event.

Ens. Foulks, who is the son of Mr. and Mrs. B. M. Jones of China Lake, entered the Navy on Nov. 4, 1964, and has been flying since May 1965. His squadron is based at Lemoore, Calif.

A resident of China Lake, Ens. Foulks was an AFS exchange student in Germany during 1960-61 and graduated from Burroughs in 1961. He also attended Bakersfield College and San Diego State College. He is married to the former Jeanenne Cumberland of Kingsville, Texas.



PROMOTED TO LIEUTENANT is Thomas W. Grawrock, Aircraft Division Officer with VX-5. Lt. Grawrock enlisted in the Navy in 1949 as a "white hat" and by 1963 gained his appointment to Ensign. Among the many duty stations that Lt. Grawrock has served with are Heavy Photographic Attack Squadrons (VAP) 62 and 61. While with VAP-61 stationed in Guam, Lt. Grawrock flew the photo/navigator position in an A3B aircraft participating in flights over Vietnam, and earned an Air Medal with Gold Star, signifying the second award for that medal. He also holds the Vietnam Service Medal and National Defense (second award). Lt. Grawrock is married to the former Frieda J. Cyphert of San Diego, Calif. The Grawrocks have a son, David, and live at 210-A Byrnes St., China Lake.

GEBA Assessment 134 Is Waived for Death Of Harold C. Berry

No assessments will be levied due to the death of GEBA-CLMAS member Harold C. Berry, a retired employee of Michelson Laboratory Machine Shop Engineering Dept., who succumbed July 15, 1967, at Redlands, Calif. following surgery, announced Secretary-Treasurer Joseph M. Becker.

Schedule for Plane-Bus Travel

Effective July 1, 1967
PLANE AND BUS SCHEDULE

China Lake—Inyokern—International Airport—Pasadena
Plane Schedule—Pacific Air Lines (Tr's or Tickets Required)
Flight No. (Daily)
780 Afternoon Flight Lv. LAX Int'l 1340—Arr. Inyokern 1437
781 Morning Flight Lv. Inyokern... 0630—Arr. LAX Int'l 0726
782 Evening Flight Lv. LAX Int'l. 2145—Arr. Inyokern 2245
783 Afternoon Flight Lv. Inyokern 1455—Arr. LAX Int'l 1550

Airport Shuttle Bus Schedule — China Lake
Passenger transportation will be provided between Inyokern Airport and China Lake daily, Monday through Friday, for all flights. For flights leaving Inyokern Airport, shuttle bus pickups will be made as follows:

Flight Number	Sta.	Adm.	Mich.	Arr.
718	BOQ-A	Rest.	Bldg.	Lab.
718	0545	0547	0548	0550
783	1410	1412	1413	1415

Weekend travelers departing from Inyokern Airport should make prior arrangements for transportation through the Travel Branch, Ext. 71378. Travelers will use limousine or taxi for transportation from LAX to Pasadena and return.

CABLE FLYING SERVICE
Effective July 21, 1967
NORTH BOUND

Flight No.
20 Sunday onlyLv. LAX 1000—Arr. Inyokern 1100
20 Mon. thru Thurs.....Lv. LAX 0810—Arr. Inyokern 0910
40 Mon. thru Fri.....Lv. LAX 1830—Arr. Inyokern 1930

SOUTH BOUND
Flight No.
21 Sun. thru Thurs.....Lv. Inyokern 1115—Arr. LAX 1215
41 Mon. thru Fri.....Lv. Inyokern 1940—Arr. LAX 2040

From _____
TO _____
PLACE STAMP HERE



'Peggy' Rogers Is Honored By Lady Engineers

At their 17th annual national convention in Washington D.C., last month, the Society of Women Engineers presented Dr. Marguerite M. Rogers, head of Code 40's Weapons Systems Analysis Division, with her latest high honor, the Society's 1967 Achievement Award.

Dr. Rogers was chosen for the award by a panel of five judges with professional prestige in science and engineering in government, private industry and the academic world. Dr. Rogers flew East to attend the June 21-25 convention and received the award, which brought with it honorary life membership in the Society.

Meets Counterparts
"I had only heard of the organization before and I wasn't a member," says Dr. Rogers, "so this honor took me completely by surprise. When I went to the convention, I found that I knew the same people they knew working in science and engineering and had a wonderful time — it's a pretty small world of science, after all. Those women are a very keen group, with many outstanding achievements, so it's quite an honor to be picked for this award."

The Achievement Award certificate cited Dr. Rogers' "significant engineering contributions to the field of air-to-surface weapon systems, while fulfilling so well her role of woman, mother and citizen."

Dr. Rogers has made large contributions to Naval weaponry during her 14 years at NWC, with a four years' break from 1953 to 1957 when she was professor of physics and head of the Science Division at Columbia College, South Carolina. This latest honor caps a long list of awards including the Navy Superior Civilian Service Award presented to her in July last year, and the L.T.E. Thompson Award the previous year.

Dr. Rogers already is becoming active in her new professional organization. She plans to speak at Society meetings this fall in response to an invitation from the California Chapter. "The thing that encourages me about the groups of Society members is the large number of young women engineers I see," she says.



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Systems Development's Record Draws New Fire Control Project



PROJECT PRESENTED — Dr. Ivar Highberg (center), head of Code 30, and Leonard Gulick (r), project engineer, study model of Mk 87 Gun Fire Control System presented by Eugene Weller (l) of Sperry Rand's Ford Instrument Div. Code 30 evaluated Mk 86, predecessor to Mk 87. —Photo by PH3 Jerry Willey

An assignment to review a new gun fire control system now being developed by private industry came to the Systems Development Department recently. The assignment was made on the basis of the ability of the department in the development of surface weapon control systems and its experience in evaluating a predecessor in the system now assigned, it was brought out last week.

The system to be studied is the Mk 87 Gun Fire Control System (GFCS), and the assignment was made to Code 30's Program Management Branch of the Weapon Systems Division. A representative of Sperry Rand Corporation's Ford Instrument Division, developers of the Mk 87 GFCS, presented a model to Dr. Ivar Highberg, head of Code 30, and Leonard Gulick project engineer, at the department office last Tuesday, July 11.

Performance Record
Since its start in early 1962, the surface weapon - control exploratory development program, managed by A. E. Bittel, head of Code 3042, has resulted in complete experimental digital weapon - control system simulation. This is used for pre-prototype evaluation of new concepts and equipment related to both digital and analog surface weapon - control systems.

Designed for maximum flexibility and adaptability, this facility is built so that an entire unit or any component part of experimental equipment can be inserted for evaluation, and additional testing equipment can be incorporated at any point in the system. It has been

used successfully to control the test firing of two improved Tartar missiles. Among the important weapon-control system components developed recently are the ring laser gyro the major component in a digital ship's motion sensor element for advanced shipboard weapon - control systems; and the digital range unit (DRU), conceived and designed here to minimize the number of components needed to get digital range data.

The DRU performs the functions of the ranging circuits of target - tracking radars, provides both range and range-form, and acquires and tracks targets without significant error. A second generation of DRU is now being fitted into the Talos missile system.

It was this in-house technical competence, both in surface weapon - control system development and the technical evaluation of the Mk 86 GFCS, that prompted the Naval Ordnance Systems Command to direct the Naval Weapons Center at China Lake to review the design of the Mk 87 GFCS before its introduction into the Fleet.

The Mk 87, an Americanized version of the Dutch M22 GFCS, is being produced in the United States by the Ford Instrument Division of the Sperry Rand Corporation as a search and fire - control system for large patrol ships of the PG class. Its original design was made by N. V. Hollandse Signaalapparaten in Hengelo Netherlands.

Two prototypes, for use in firing 3"/50 and 40mm guns in a simultaneous anti - aircraft and surface target en-

TEMPERATURES

	Max.	Min.
July 14	100	68
July 15	99	75
July 16	100	68
July 17	99	71
July 18	100	69
July 19	103	65
July 20	104	66

McNaughton Death Is Announced By Acting Secretary

"It is with great sadness that I announce to the Navy and Marine Corps the death of the Secretary of the Navy Designate, the honorable John T. McNaughton. Mr. McNaughton, his wife and son, Theodore, were killed in the crash of a commercial airliner near Asheville, North Carolina. Mr. McNaughton's nomination as Secretary of the Navy had been confirmed by the Senate and he was scheduled to become the 59th Secretary of the Navy next week. He had a distinguished record of public service and would have brought great ability, integrity and imagination to the Department of the Navy. His loss will be deeply felt in the government." Signed: Robert H. B. Baldwin, Acting Secretary of the Navy.

VX-5 Plane Captain



AA ARMANDO L. MAESE has been chosen this month at VX-5 to be the Squadron's "Plane Captain of the Month." The bachelor sailor from Las Cruces, New Mexico, supervises ground work on an A-4 aircraft on the VX-5 line. He is new to the Navy, enlisting only last November. After boot training he attended three weeks of Plane Captain School at Lemoore NAS. A sports - oriented man, Maese played basketball during his junior and senior years at high school, and now plays football and baseball at the Center, his first regular duty station. He calls outstanding the opportunities he has taken to tour the state from San Francisco to Los Angeles.

CROSSWORD PUZZLE

ACROSS

- 1-Halts
- 6-Make amends
- 11-Dangers
- 13-Pressed
- 14-Indefinite article
- 15-Teased (colloq.)
- 17-A state (abbr.)
- 18-Short sleep
- 23-Transactions
- 21-Vessel
- 22-Break suddenly
- 24-Underworld god
- 25-Cronies (colloq.)
- 26-Barbers
- 28-Hindu garment
- 29-Walked on
- 30-Saucy
- 31-Location
- 32-Revealing
- 34-The sweetsop
- 35-Obtained
- 36-Withered
- 38-Spanish plural article
- 39-Woo
- 41-Rodent
- 42-Prefix: not
- 43-Funny picture (abbr.)
- 45-Trade union (abbr.)
- 46-Consisting of two things
- 48-Wanted
- 50-Perfect
- 51-European

DOWN

- 1-Rashes across
- 2-Occupant
- 3-Conjunction
- 4-Metal fastener
- 5-Winter vehicle
- 6-War god
- 7-Bushy clump
- 8-Preposition
- 9-Oil from orange flowers
- 10-Prepares for print
- 12-Sowed
- 13-Evils
- 16-Platform
- 19-Social affairs
- 21-Mate
- 23-Separates
- 28-European capital
- 27-Female deer
- 28-Weight of India
- 30-Sponsor
- 31-Impassive
- 32-Boxing match
- 33-Irritated
- 34-Excuse
- 35-Bloody
- 37-Musical study
- 39-Man's name
- 40-Pedal digits
- 43-Civil
- Aeronautics Authority (abbr.)
- 44-Recent
- 47-Compass point
- 49-Prefix: down

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Two Game Split

The China Lake All Star softball team split a pair of games with George AFB last weekend. China Lake put together a 15-hit attack, including three homeruns, to take the opener, 16-12. On Saturday evening, George evened the series, winning 4-2, on their home field. Saturday night's loss evened the local club's record at 4-4. The All Stars will take on Lone Pine at Reardon Field tonight at 8 p.m.

Traffic accidents take the lives of several hundred bicycle riders every year. Most of these accidents involve a violation by the bicyclist, but that doesn't excuse the driver. Be on the lookout for bike riders — especially at dusk — and give them every break.



U.S. Deep Ocean Researchers Meet



OCEAN RESEARCHERS MEET — Researchers from 19 Navy and civilian undersea R&D laboratories plus representatives of Navy commands for Naval Material, Ships and Ordnance congregated last week at the Community Center for discussions on how to forward the Navy's development of deep ocean technology. Undersea researchers at China Lake, led by Donald K. Moore, head of Code 40's Undersea Systems

Div., are coordinating a current effort to gather and organize information produced by the labs and activities represented at the meeting here Tuesday, July 11. The goal of the R&D people is an inter-laboratory working group, which would then produce a technical development plan for the Navy's deep ocean efforts.

Photo by PH3 Jerry Willey

Model of System

(Continued from Page 1) gagement, have been delivered to the Fleet for evaluation. Two additional models, one for control of 5"/54 guns and the other for control of semi-active homing missiles, are under development.

The responsibility of the Systems Development Department is in test planning, instrumentation design and engineering, and data reduction and analysis for the concurrent technical and operational evaluation of the Mk 87. It is presently being installed aboard the USS Antelope (PG 87) at Tacoma, Washington. A series of tests to determine the capabilities of the system to perform air and surface search and accurately track both air and surface targets in range and bearing, has been designed around the San Clemente Island test range.

Cinetheodolite cameras located along the shore will be used to track the targets and ship, giving an independent measurement of range and bearing for comparison with that obtained with the shipboard instrumentation, to determine operational readiness.

More tests have also been designed to determine the shooting accuracy of the guns. In these tests, towed sleds, drone aircraft, and towed air targets will be used to simulate operational situations to gather the information needed to establish the accuracy of the 3"/50 and 40mm weapon systems.

One Wife Fine But Two Might Cause Concern

One wife is fine, but two wives can get you into trouble. One Seabee, who is presently serving with U.S. Naval Mobile Construction Battalion Seventy-Four in the Republic of Vietnam, recently found himself in that position.

The Seabee, standing security guard on the main gate of Camp Haskins, Danang, was standing his post when a Vietnamese girl and a group of children approached him and started a conversation. After talking for a little while they left, but they returned the following day.

This time they were joined by an old Vietnamese man. After listening to the conversation for a little while, the old man had the Seabee and the girl join hands. The man mumbled a few phrases and then informed the Seabee that he was now married to the girl.

Completely confused and terribly upset, the Seabee took his problem to the battalion's Chaplain, Lieutenant Hebert L. Bergsma. After listening to the story, Chaplain Bergsma saw the humor of the situation.

He explained that the old man and the girl had realized that the gate guard was new to the country and had no knowledge of the customs. They saw their opportunity to play a practical joke, and played it for all it was worth.

It was a greatly relieved Seabee that left the Chaplain's office that day. Relieved that he didn't have to try and explain to his wife that she wasn't the only wife in his life.

Holding Breath When Underwater Could Kill You

The danger of drowning from extended breath holding under water was emphasized by A. B. Murphy, national director of Safety Services of the American Red Cross.

Murphy said his warning was addressed to children and teen-agers who compete with each other to see who can stay under water the longest.

"Youngsters who play this game are simply asking for trouble — and possible tragedy," Murphy said.

"Hyperventilating — taking several deep breaths before going under water — is a dangerous practice. This is what happens physiologically," he continued. "Before going under water an individual takes several deep breaths in order to build up as much oxygen in the lungs as possible. This deep breathing, called hyperventilation, does increase the oxygen, but it lowers the carbon dioxide in the system.

"After a period under water, because the carbon dioxide does not build up fast enough to trigger the breathing urge, the swimmer tends to stay under too long and may black out. Then unless help is at hand to get him to the surface quickly, drowning will result."

He urged that parents make these facts known to their children and instruct them not to play the "holding-the-breath" game.

The same principles apply to swimming under water for long distances.

Youths Ready For Many Jobs, Need Employers

Success — on a limited scale — has been the story of the Indian Wells Valley's Youth Employment Service so far this summer.

Over 70 young applicants have been employed, mostly in short-term jobs of a day or two, out of a pool of over 230 applicants, reports Jim Viellenave, manager of the Service.

He lists 10 job categories for which qualified youth are available, and says that there are at least two or three ready to perform almost any job on the Service's list.

"So far, the employers have been extremely impressed with the caliber of work done by these people," Viellenave says. He points out that all the applicants are screened, and that jobs are given on the basis of work experience and personal qualifications.

"Still, many qualified youths have gone without any jobs," he notes. "Most of our people remain unemployed most of the time. The lack of jobs offered has allowed two-thirds of the applicants to go wanting."

Viellenave lists, among jobs ready to be performed, yard work, clean-up, painting, baby-sitting, delivery, stock work, typing, filing, housecleaning and janitorial service.

Potential employers should call the Youth Employment Service (Y.E.S.) at 375-1321, or see Viellenave at City Hall, 201 Panamint Street.



MANY AWARDS GIVEN — Many awards ranging from a five year pin to a Superior Achievement Award were presented to employees of the Personnel Department recently. From left to right are Bill Blinkhorn, Gen Leahy, Kay Mussler, Fred Ladda, Fawn Haycock, R. C. Nelligan, Mary Morrison, Dora Childers, Carole Cadle and Department Head, Ray Harrison.

Operations Chief Salutes WAVES

In observing the WAVES Silver Jubilee, the Chief of Naval Operations extended the following congratulatory message:

"The Chief of Naval Operations extends warm congratulations to the WAVES on the occasion of their silver jubilee.

The message was signed by Admiral David L. McDonald, U.S. Navy.



ON THEIR WAY — Capt. G. H. Lowe, Commander NWC, presents certificates of graduation from the Management Intern Program to (l-r) Jeremy A. Barry, Mary L. Flannery and David Carter.

Three Are Graduated From Management Intern Program

Three new China Lakers were graduated from the NWC Management Intern Program last Monday, July 17, and now begin their first regular work assignments.

Jeremy A. Barry came to China Lake from Los Angeles where he had been employed by an insurance company. He received his M.A. Degree in Anthropology from Indiana University at Bloomington.

Since completing the Administrative Management Intern Program, he has accepted a position as Administrative Assistant in the Engineering Department, Fleet Engineering Division.

Mary Louise Flannery graduated from the University of California, Los Angeles in December, 1966, with a B.A. in Psychology and an English minor. She entered the Administrative Management Program in January, 1967. Mary Louise has joined Central Staff, Programs & Budget Staff, Operations Staff.

David Carter entered the training program after serving with the U.S. Navy. Carter received his B.A. degree in History from San Francisco State College in 1963. Since completion of the program David has accepted a position of Personnel Management Specialist in the Personnel Department, Personnel Service Division No. 1.



NEW INTERNS — Three new men have recently joined the Management Intern Program. From left to right they are: Jerry Maxwell, Steve Sanders and Bill Shaner.

Three New Trainees Join Management Intern Program

Three trainees recently joined the Management Intern Program, which was established in 1961 and designed to orient and develop select trainees to fill administrative/management positions throughout the Center. The three new men are:

Jerry Maxwell, a native of San Diego and a graduate of San Diego State College with a BA in Public Administration. Jerry is married and has a baby daughter.

Bill Shaner, a graduate of Sacramento State College with a BA in History, accompanied by his wife Linda.

Steve Sanders, a University of Nevada graduate with two years post-graduate work in modern history. His wife Bonnie is an elementary school teacher.

During the six month program, the three new interns will receive orientation and

work assignments in four basic areas — personnel, management analysis, budget and administration in a technical department or technical program. In addition, interns attend special classes, seminars and orientation sessions.

Basic eligibility for the program is established by completion of requirements for a bachelors degree from an accredited university or equivalent work experience and the successful completion of the Federal Service Entrance Examination. At the end of the program, interns are placed according to interest and organization needs.

Selection for participation in the program is made by the Administrative Development Committee. Any department or group interested in using interns or in obtaining information is encouraged to contact Program Coordinator Eva Brien, ext. 71577.

Commission Changes Hazardous Pay Scale

In January this year the Rocketeer published the complete list of working conditions for which the U.S. Civil Service Commission authorizes additional pay to graded employees occasionally working under those conditions of hazard or physical hardship.

Last month the Commission made some minor changes in the original language of the conditions, and established some new ones. Center personnel who retained the original list should make the following changes for currency: under the heading Flying, change the word "plane" in paragraphs (1) and (2) to "aircraft;" under the heading Underwater Duty, delete paragraph (1), and substitute the following "(1) Duty aboard a submarine when it submerges." New compensable conditions established by the Commission are:

Hazardous Weather or Terrain

(1) When working on cliffs, narrow ledges, or near vertical mountainous slopes where a loss of footing would result in serious injury or death, or when working in areas where there is a danger of rock falls or avalanches.

(2) When travel over secondary or unimproved roads to isolated mountain top installations is required at night, or under adverse weather conditions (such as snow, rain, or fog) which limits visibility to less than 100 feet, when there is danger of rock, mud, or snow slides.

(3) When travel in the wintertime, either on foot or by means of vehicle, over secondary or unimproved roads or snow trails, in sparsely settled or isolated areas to isolated installations is required, when there is danger of avalanches, or during "white out" phenomenon which limits visibility to less than 10 feet.

(4) When work or travel in sparsely settled or isolated areas results in exposure to temperatures and/or wind velocity shown to be of considerable danger, or very great danger,

on the windchill chart, and shelter (other than temporary shelter) or assistance is not readily available.

Because of its size, the windchill chart referred to in paragraph (4), above, is not reproduced here. Minimum compensable conditions, however, range from calm winds and local temperatures of -31 degrees to a maximum of 50 mph winds and -148 degrees.

Fuel Storage Tanks

When inspecting, cleaning or repairing fuel storage tanks where there is no ready access to an exit, under conditions requiring a breathing apparatus because all or part of the oxygen in the atmosphere has been displaced by toxic vapors or gas, and failure of the breathing apparatus would result in serious injury or death within the time required to leave the tank.

A graded employee exposed to any of the above conditions in the course of his work is authorized to receive 25 percent more added to his base pay for all the hours of his shift. In Navy, the effective date to begin payment for the above conditions of work was July 2, 1967.

Questions concerning hazardous conditions of work for graded employees should be directed to Bill Blinkhorn, Head, Wage and Classification Division (Code 655), extension 72296.

Social Security Rep. At Community Center Wednesday, July 26

All China Lakers with questions about Social Security provisions may contact a representative from the Administration here next Wednesday, July 26.

He will be at the Community Center from 8:30 a.m. to 11:30 a.m., and is available for consultation.



ALWAYS SOMETHING DIFFERENT — Each year the Desert Empire Fair offers attractions designed to please the public. This year will be no different. As an example, how about a Tortoise Race? In the picture you see young Greg Tracey coaching his pet turtle which promises to be among the final contenders.

Baby Sitting Service

The Girls Service League of Burroughs High School is once again organizing Operation Baby-Sit. This program, which was initiated last year, is designed to provide baby-sitters for local residents.

The League compiles lists of students who are interested in child care. While the club cannot guarantee individual efficiency, it supplies the names free of charge with the assurance that each young person is at least willing to work when needed. Parents who call on these students must arrange their own terms of employment. Once the list is sent out, the rest is up to the parents.

To get a list of sitters in a given neighborhood, applicant parents should send a self-addressed stamped envelope to Girls Service League, Burroughs High School, Ridgecrest. It is suggested that those who took advantage of this service last year might like to get the new listings in case of emergency, as some of the best sitters on last year's roster are in college now.

If time does not permit service by mail, the chairman, Gene Schneider, may be called at 375-4291.

Aetna Agent To Be At Community Center Thursday and Friday

Howard Keenan, representative of the Aetna Insurance Co., will be at the Community Center next Thursday, July 27, from 9 a.m. to 4 p.m. and on Friday, July 28, from 9 a.m. to 3 p.m., according to J. T. Haycock, Head of Employee-Management Relations.

Fifty-Two Years Ago



SHADES OF CUSTER — A few months ago the Rocketeer printed a story and picture of Dr. Elmo Zumwalt, Industrial Medical Officer, on his 75th birthday. For the great number who know and love him, this is how he looked at the age of 23. The women are all part of the family, but the lady on his left was his grandmother, Lydia D. Zumwalt, who rode horseback behind her father over the Oregon Trail at the senior age of about 15. The year — 1859.



NAVAL UNDERSEA WARFARE CENTER

PASADENA, CALIFORNIA

Cdr. Smiley Reports As Supply Officer

Commander Creath Smiley, SC, USN, has reported to NUWC Pasadena as Associate Director of Supply. A 24-year veteran for the U.S. Navy, he has a broad background in military supply, contract, management, and administrative duties. He also has served as editor of the Supply Corps monthly Professional Business Magazine and Public Information Officer for the Bureau of Supplies and Accounts, Washington, D.C.

Since August, 1965, Cdr. Smiley has been chief of the Defense Contract Administration Services at Rockedney's Plant at McGregor, Tex. Previously, he had served four years as Supply and Fiscal Officer, Fleet Activity, Sasebo, Japan.

He is a graduate of Indiana University with an A.B. degree in journalism and government. He also holds an M.S. in management from the U.S. Naval Postgraduate School, Monterey, California.

Cdr. Smiley and his wife, Jane, have three daughters —

Susan Rae 15, Sandra Jane 13½, and Sharon Ann 8½. The family will reside in Pasadena.



CDR. CREATH SMILEY

Be Money Wise

So you are buying some appliances for your home! Are you confused by claims of easy credit, deferred payments, no money down, revolving charge accounts, etc.? There is always the temptation to sign up in a hurry without counting the cost. Don't! Here is a way to find out what it costs you to be happy:

Multiply amount of monthly payment by number of monthly payments to be made. Subtract from that total the advertised cash price (also subtract any down payment you make. Be sure to add any subcharges!) The difference is the dollar cost of credit.

If your loan is for one year, divide this dollar cost by the advertised cash price and multiply the answer by 100. This gives the simple annual interest rate in percent. You may be surprised!

For instance, a commonly-charged installment rate of 1½ percent is equivalent to a simple annual interest rate of 18 percent.

Your credit union will loan you this money (up to \$750 on an unsecured loan) for one percent per month on the unpaid balance. This is equivalent to 12 percent simple annual interest. This is a saving of \$6 per \$100 of your loan — about \$20 on that refrigerator, washing machine or dryer.

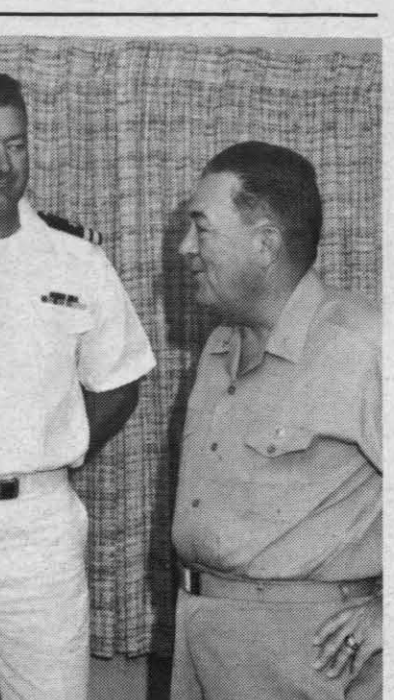
PROMOTIONAL OPPORTUNITIES

To apply for positions, contact Christine Marchand, Pasadena Personnel Division, Extension 278. A current SF-58 must be submitted when applying. Mail Clerk (Typing), GS-3, P1911 — Makes mail deliveries to various offices of the Foothill Laboratory. Receives, screens, and sorts mail. Types route sheets and other forms and distributes directives.

Ships To Host General Visiting

The following ships will host general visiting in the Long Beach area during the remainder of July from 1-4 p.m.:
22-23 July — Landing Ship Dock USS Cabildo (LSD-16).
29-30 July — Inboard MSO/MSI Pier Nine.

To Report NUWC News Call VIRGINIA E. LISBY Extension 638 — Code P1905



UP TO LIEUTENANT—New bars and shoulder boards announce the recent promotions of L. E. Lybarger and D. R. Morris (l-r) to Lieutenant. Capt. G. H. Lowe, Commander, Operations Officer, came aboard in January, 1966, from duty aboard the USS Valley Forge (LPH 8). Lt. Morris, Recovery and Salvage Officer, a newcomer to the Center, reported here in April, 1967. He previously served as First Lieutenant aboard the USS Kiowa (ATF-72).



PERFORMING A MILLING OPERATION on the numerically-controlled milling machine, Model Maker Leon Barton (r), holds the interest of visitor Glenn Schweitzer, Staff of National Council on Marine Resources and Engineering Development (second from left), and NUWC escorts (l-r) Fred Anderson, Head, Manufacturing and Products Engineering Branch; Capt. G. H. Lowe, Commander, NUWC; and A. J. Tickner, Head,

Guidance and Control Division. The distinguished visitor was also briefed on current Center programs by Dr. Wm. B. McLean, Acting Technical Director, NUWC; Douglas J. Wilcox, Associate Technical Director, NUWC; Wallace E. Hicks, Assistant Technical Director, NUWC, Pasadena Activities, and Dr. Donald A. Wilson, Assistant Technical Director, NUWC, San Diego Division.

League Team No. Four Forges Ahead

BY RAY HANSON

Out of the turmoil of the past three weeks, which saw the NOTS Pasadena summer league become the NUWC summer league (among other things), Team No. Four has emerged as league leader. Sam's Saints have now dropped to third place and the Gopher Brokes, who led briefly during the confusion, are now in

fourth. The Tanglefoots occupy second place. Team No. Four has won 23 and lost 13, while the Tanglefoots are one game back at 22 and 14. Sam's Saints have a record of 20 and 16, while the Gopher Brokes stand at 19 and 17.

High scores for the 9th week of play are as follows: team series, Sioux, 2415; team game, Tanglefoots, 824; men's series, Jim Alsop, 717; men's game, Ray Hanson, 254; women's series, Dory Aitchison, 675; women's game, Carolyn Yuge, 254.



FOUR MORE—Shipping over ceremonies were held at the Long Beach facility recently by BMCS R. W. Busey, Assistant Leading Chief, extended his navy career four years. He reported here on April 27 this year from duty with the Assault Craft Division 13 at Coronado. Lt. I. L. Durbin, Long Beach Sea Range Officer, administered the Oath of Enlistment and gives a congratulatory handshake.

Beware Of Snake Bite

There are only four general species of poisonous snakes in the United States. These are the rattlesnake, moccasin, copperhead and the coral snake. The percent of total deaths due to snake bite are 70 percent rattlesnake. Since in this part of the country the rattler is our primary concern the rest of this article will refer to rattlesnakes unless otherwise stated, however it can apply to all poisonous snakes.

The rattler can be identified by his triangle shaped head, the back edge of the jaws are wider than the neck, giving the appearance of a yield, right of way sign on a post.

There are numerous species of rattlers in southern California, all poisonous. The yield sign shaped head and rattlers, if he has any, will identify the snake. A most important point, do not waste valuable time looking for, trying to kill or capture the snake, remember the person bit. The quicker the venom is controlled the better his chances are.

The bite of a pit viper will show two fang marks, and in some cases some small teeth marks on the lower jaw side of the bite. The fangs of the pit viper are comparable to a hypodermic needle. They are hollow and have a small slit in the bottom that allows the venom to travel through the fang and into the flesh of the person bitten. After a bite two distinct fang marks will be noticeable, unless the snake bites a small site and misses with one fang, for example, the thumb or finger.

The real problem resulting from snake bite is the destruction of body tissue with the possible loss of a finger, hand, arm or other limb. This is due to the fact that nearly all venomous snake bites are inflicted by pit vipers. Serious tissue destruction can result from the bite of even the youngest pit viper. Control of venom reaction is most important.

The Best Treatment This can be done with instruction and the use of extreme caution. The majority of snake bites occur from the elbow to the finger tips or from the foot to the knee. How to prevent bites from the hands to the elbow? Don't stick the hand or arm in an area that might harbor a snake. No snakes in the U.S. are long enough to strike you in the arm unless you bring the arm to him.

When you are hiking, camping or rock-collecting carry a long snake stick with you. Rattle it in the brush under rocks and around logs before you reach your hand down to pick up an object. Give a snake a chance to move before you reach. Normally snakes fear you as much as you fear them and will run or hide if given the chance.

Mr. Clifford H. Poke, a well known snake authority, states a snake is first a bluffer, second a coward and last of all a warrior. When you pick up an object tilt it back toward you rather than away from you, or straight up. This way you have protection between you and the snake, however, caution and alertness is your best preventive measure. How do we prevent bites from the foot to the knee? This is some-



UGLY AND PAINFUL — The picture of this hand was taken only 24 hours after the patient was bitten by a Timber Rattler. Just one example of what can happen if you are not careful and knowledgeable.

what harder to do, but it is possible. When hunting, fishing, camping, hiking or being a rockhound, always wear high top boots, wear long blousy trousers, never shorts and low cut shoes. Step on rocks or logs never over them. If you are going around a log or rock take the high side so you can see.

Teach children and adults to respect and stay away from snakes, never play with them and above all never be a show off where snakes are concerned. Again, caution and alertness is your best protection.

What To Do If Bitten There are at least three recognized methods used in treatment of snake bites. The exponents of the various methods agree on only a couple of points. (1) Immobilization of the victim immediately slows the speed of venom and is one of the most important steps. (2) Excessive cuts above the bite serve no useful purpose, it opens more area for infection and should not be used. The three treatment methods listed below are the most generally accepted.

Ligature-Cryotherapy 1. Place a very tight band between the heart and the bite as close to the bite as possible. This is done to seal off the site and stop the spread of venom.

2. Place the affected area in ice, if ice is not available some compressed gases like Freon, Frigiderm, carbon dioxide, ethyl chloride can be used but be sure to place a cloth between the skin and the gas used. Keep the rest of the body warm on the way to medical aid.

3. Immobilize the victim and keep him still as possible, keep affected area cold on the way to medical aid.

Antivenom Method 1. Apply a constriction band to the affected area, between the bite and the heart and as close to the bite as possible, tight enough to retard the venom flow of the blood.

2. Inject antivenom as prescribed by doctor.

3. Keep victim quiet and still as possible on way to medical aid.

4. Inform doctor what treatment you have given, how much, when and where. This is extremely important.

Constriction Band-Cut-Suction

This method is most commonly used in remote areas where medical aid is not available.

1. Apply constriction band immediately above the bite between the bite and the heart.

2. Take shallow incisions of about ¼" deep and ¼" long over each fang mark, in making the cross cut be extremely careful of arteries and tendons. If in doubt, ream out the fang marks to allow flow of blood and venom. (Do not make any more cuts.)

3. Apply continuous suction to the cuts.

4. Keep the victim still, no stimulants.

5. As the swelling progresses move the constriction band ahead of it.

6. If you are by yourself with no one to go for aid, follow steps 1-2-3 and then lie down and stay as still as possible. This is all that you can do, any attempt to walk to help could very well be fatal.

7. Stay cool and calm, do not panic. Panic has caused more deaths to snake bite victims than the snake bite itself.

8. The L-C method should be used as a primary therapy in all cases of envenomization, but in some situations should be supported by antivenom, antibiotics, sedation and maintenance of proper fluid balance of the body.

Recording Star

Bobby Reed and the Reed Boys, nationally known recording stars, will be the featured attraction at the Acey Ducey Club tomorrow night from 9 p.m. to 1:30 a.m.

Reed's hit record, "They Blame Me" was in the top 10 for over six weeks. Another of his hits was "Pipling Man."

How To Save Money When Buying A Car

Most prospective car-buyers look at the price posted on the windshield of a new automobile and assume it's the selling price. It isn't. It's the manufacturer's suggested list price, and most dealers will sell for much less.

An auto dealer buys a standard-size car from its manufacturer for approximately 75 percent of its suggested list price. This means that you can probably buy this car at a figure up to 20 percent less than list price—if you follow a few simple rules.

Investigate—Then Negotiate

Don't rush into a showroom and buy the first car that appeals to you. Do a little research so you will be able to negotiate intelligently. Check the NADA (National Automobile Dealers Assn.) wholesale and retail values of the makes and models in which you are interested. Don't forget to find out the current value of the car you intend to trade.

Trade-in values differ by make, model, condition, year and geographic location. For this reason, the best bet is to find out the current NADA average wholesale and retail prices for your present car. After you have obtained an appraisal of your old car, determine how much your new car would cost with no trade-in. From this figure, deduct the value of your present car. Then you will be ready to negotiate.

Don't Appear Too Interested Even if the car you're bargaining for is the exact make and model you want, don't appear too interested. An eager buyer rarely wins significant price concessions.

Don't Close Too Fast Most salesmen cannot offer sizeable discounts without first obtaining the permission of their superiors. This takes time. Furthermore, many salesmen will not cut prices until they're certain you won't pay the one they're asking. The best thing to do is give the salesman your phone number and ask him to call you if and when he is ready to meet your price.

Don't Split Difference When your preliminary research has indicated that your price objective is reasonable, don't compromise with the dealer by agreeing to "split the difference." If the suggested list price of the car you want is \$2800 and you're willing to pay \$2500, don't let the salesman persuade you to pay \$2650 (50 percent less than he wants to accept and 50 percent more than you want to part with).

Let One Do Negotiating If you shop for your car with your wife or another member of your family, you'll probably find the salesman using a strategy of "divide and conquer." By winning one of you over to his side, he'll force you to retreat from your position. So if you must take the rest of the family along, let one person do all the negotiating.

Wait For Buyers' Market The best time to buy a car is when sales are sagging — like during a severe blizzard. Dealers are more anxious than ever to meet quotas and salesmen, who are paid on a commission basis, will tend to offer lower prices to cinch more sales.

Buy At End of Month An auto dealer receives a two percent factory rebate on each car he sells whenever his sales exceed the monthly quota established for him by the manufacturer. The pressure to surpass this quota is generally greatest at the end of the month—especially if cars have moved slowly during the first part of the month. For this reason, a dealer may be willing to sell a car for a smaller profit in order to make a sale.

The lesson to be learned is that most convenient financing — that is available at the point of purchase — isn't necessarily the cheapest, so it's wise to shop for your car loan as well as your car.



SURGEON PROMOTED — LCdr. Dennis Thompson has his new gold leaf pinned on by his wife, Virginia, after receiving his promotion from Capt. G. H. Lowe, Commander, NWC. LCdr. Thompson is a surgeon at the Center Hospital, and has top-notch talent on drums also. He played for last year's production of "Little Mary Sunshine" by the Community Light Opera and Theater Association, shortly after his arrival at China Lake in July.

CHAPLAIN'S MESSAGE

Careless Words

BY CHAPLAIN CHARLEY PEEPLES



Medical circles are silent about a disease which is in reality an epidemic. It is a strange illness, usually chronic, sometimes acute, and offering no reasonable diagnosis and poor prognosis. It may be akin to "hoof-and-mouth" disease, since its symptoms are audible.

Language is a wonderful thing. Man can thereby transmit his thought to his fellow-man. For one learning the English language, the grammar is rather complicated. He must learn nouns, verbs, conjunctions, etc. Then, when he is advanced in the language, he can choose the proper adjectives.

For example, two men look at the spacious desert. An ignorant man might say: "That's a beautiful view." But a truly educated man would perfectly describe it by saying: "That's a d--- good view," or "that's a h--- of a view."

Perhaps these expressions do not convey the idea any better. But they do show that one has more than usual education, having a graduate course in advanced adjectives. They do show that one is a gentleman and pleasing to people who regard Heaven and Hell as realities. They also make one acceptable to the better type of patron in the lower type tap-room.

After further English research, one is able to use expressions such as G--- and the name of the Son of God. These are really valuable. They increase one's muscles and put hair on one's chest. They show awareness of a Creator and His laws. Above all, these wonderful words show that we know of Someone who was willing to be crowned with thorns and scourged and spit upon and nailed to a cross to die for us.

Advance language like the above comes from a disease. The prognosis must remain poor, because the only known remedy is for the patient to think before he speaks, to use his mind before his mouth.

PROMOTIONAL OPPORTUNITIES

Present Station 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.

Public Health Nurse, GS-6 (57055) or GS-7 (57314) - Duties are to provide public health service for station population of approximately 1,200 and to make sick calls on Civil Service employees. Requirements: (1) RN with 30 additional hours of public health training from an accredited school; (2) A current valid license from any state; (3) One (1) year of experience at the GS-7 level.

Contact: Don D'Anzo, Personnel (Code 456) U.S. Naval Weapons Center, China Lake, California 93555 or Ext. 22718. General Engineer, GS-01-12, PD No. 455004, Code 5551 - Performs product design, production engineering, value engineering, and documentation of weapons and weapons components including both mechanical and electronic parts and assemblies. File application for above with Loretta Dudley, Bldg. 34, Rm. 34, Ph. 71514.

Project Engineers, GS-9, 11, or 12 (4 vacancies), Code 4031 - These positions are in the Tactical Air Weapons Branch, Code 4031, for design, test and evaluation of Free Fall Cluster Bombs and components thereof. Duties include technical liaison with other Naval Stations engaged in component development and weapons system support functions and with contractors performing weapons development and manufacture.

Electronic Engineer Physicist GS-9, 11, 12, 13 (10 Vacancies) Code 4020 - These positions are in the Anti-Radiation Guidance Division. They involve work in areas such as: Microwave, aircraft systems, semiconductor, radar systems. A sound background in electronics is necessary but specialized on the job and formal training will be arranged on an individual need basis. Projects are in early stages and are of major importance. File applications for above with June Chipp Bldg. 34, Room 26, Ext. 72476.

Mechanical Engineer, GS-03-9, PD No. 435064, or GS-11 PD No. 535036-1 (1 vacancy) Code 3534 - Project engineer for design, test and development of pyrotechnical devices for project TIARA and for the development of rocket warhead target making systems and freefall bomb target making systems. Applicant must be willing to travel. File application for above with Mary Morrison, Rm. 32, Bldg. 34, Phone 72032.

Accounts Maintenance Clerk, GS-520-04, PD No. 517015-4, Code 1761 - Process accounting documents to correct, allocate and expend funds. Code documents. Determine proper accounting entries and legality and propriety of charges. Reconcile accounting data. Initiate follow-up and resolve discrepancies on delinquent accounts. Duties require a knowledge of accounting clerical procedures and work methods and the appropriation accounting system. One yr. general experience and one yr. specialized experience. Vaucher Examiner, GS-540-3, PD No. 117016-4, Code 1765 - Duties involve responsibility for examination and computation of public claims and vouchers, etc. Clerk-DMT, GS-216-4, PD No. 71714, Code 1711 - Stenographic skill, good knowledge of English composition. Alertness to NWC management communications needs. Close familiarity with NWC organization. File applications for above with Sue Presolewicz, Bldg. 34, Rm. 26, Ext. 71577.

Safety Officer, GS-018-9, (One Vacancy), Code 20 - Duties consist of: Working with technical departments in establishing a safety program and providing technical assistance to departments in the area of safety. Applicants must have a bachelors degree or its equivalent in science or engineering, from an accredited college or university. File applications for the above with Carole Cadis, Bldg. 34, Rm. 28, Ext. 71648.

Budget Analyst, GS-7, Code 251 File applications for above with Vicki Mead, Bldg. 34, Rm. 28, Phone 72216.

Reserve Chaplain Charley Peeples To Conduct Protestant Services

Both the 8:15 and 11 a.m. Protestant Services this Sunday in the All Faith Chapel will be conducted by Reserve Chaplain Charley L. Peeples of Canoga Park, visiting the Center for two weeks active duty. The subject of his sermon will be "Christian Existence."



CHAPLAIN C. PEEPLES

Chaplain Peeples has served as a chaplain at the Veterans Administration's Brentwood Hospital, neuropsychiatric division, in West Los Angeles, since leaving active duty in 1960. His latest duty was aboard the USS Shangri La from August, 1958, to June, 1960.

The Estill, S. Car., native entered the Navy in April, 1945. He is a graduate of Furman University in Greenville, S. Car., and of the Andover-Newton Theological School in Newton, Mass. He is an ordained minister of the United Church of Christ.

Chaplain Peeples and his wife Dorothy have three children in school at widely different levels. Caroline, 12, is in junior high school; Jane Middlebrook, 20, will be a senior at Pacific University at Forest Grove, Oregon, this fall; and David, 22, is a graduate student in mathematics at Arizona State University at Tempe.

The Rocketeer

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DEADLINES: News Stories... Tuesday, 4:30 p.m. Photographs... Tuesday, 11:30 a.m.

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Phones... 71354, 71655, 72082

DIVINE SERVICES

Christian Science (Chapel Annex)- Morning Service-10 a.m. Sunday School-10 a.m.

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. Sunday.

Daily Mass-11:30 a.m. in Blessed Sacrament Chapel. Saturday, 8:30 a.m. Confessions-7 to 8:00 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-For information write P. O. Box 5436, China Lake, or phone NWC Ext. 725591.

'DESERT PHILOSOPHER'

Relation To Nature

By "POP" LOFINCK



Some past columns were about how man gets confused about wild animals relationship to the balance of nature.

This column is about how man gets confused about himself and his relationship to the balance of nature.

I refer to noise and silence phobias. For example - when I was patrolling the north range from Junction Ranch, a newcomer from the jangling noise of the city, thought he would like to get on the job of patrolling with me. Fine! He had read about the sweet solitude and thought it would be great. He had not experienced silence.

Security was of the opinion that patrolling should be a two man job. It had been a four man patrol. That was before there were ditches and gates along the north and west boundaries and gates in the canyons.

SEE HOW IT FITS FIRST

But I said to the newcomer, from the city - you should try it out first on a weekend with me to find out how it fits your temperament. So he did.

That night happened to be intense silence. No breeze to rustle the sagebrush or trees - not even the distant howl of a coyote or an owl catching a chipmunk or pack rat.

The silence was a new experience for him. It made him so nervous that he paced the floor of my cabin. I thought I would have to return him to China Lake that night. But I finally got him calmed down with a few swigs of whisky. He slept poorly - and by morning he had had enough.

He was as mixed up about himself and nature as many people are about all nature - they are afraid of quiet - afraid to think. My point is - that shows how much he did not know about himself.

Long continued noise effects the nervous system like a narcotic - they become addicted to noise. Noise is a device to escape from thinking. The reason they don't want to think and meditate is that they have lost acquaintance with themselves.

LEARN TO REFLECT

But if they can learn to reflect on their relationship with nature, it pays off in understanding and happiness.

Individuals can get adjusted to noise - even though they don't like it and know it isn't good for them. Noise has its place on occasion to liven things up a bit at times, but not all the time.

What isn't generally realized is that silent solitude also requires adjustment by degrees - if it's a new experience. It's a good way to get acquainted with yourself.

The great scientist and philosopher Pathagaras - and the great Aristotle, scientist, philosopher and teacher of Alexander the Great and many other great thinkers of history made treks into the desert solitude from time to time to meditate and get their ideas re-oriented.

Try it - you may get some great ideas.

EDITORIAL

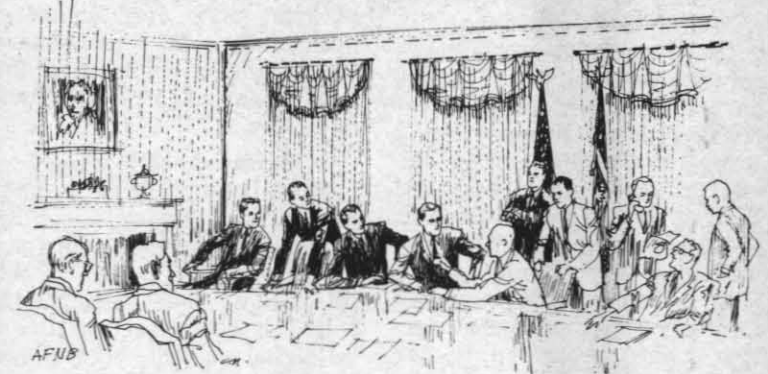
Advisers to the President

ALTHOUGH not provided for in the Constitution, the cabinet of the United States was established in 1789.

The Constitution, in Article II, Section II, simply states that the President can ask heads of executive departments to give written opinions on any subject connected with their departments.

During his administration George Washington organized an advisory group composed of the Secretaries of State, Treasury and War and the Attorney General.

In time, the cabinet became an accepted part of our national government. Today, the cabinet consists of the Secretaries of 12 departments.



ments: State, Treasury, Defense, Interior, Agriculture, Commerce, Labor, Justice, Post Office, Transportation, Housing and Urban Development, and Health, Education and Welfare.

The heads of the departments, which were created at various times by act of Congress, are appointed by the President with the approval of the Senate.

The Secretaries serve for four years or at the discretion of the President.

At a change in administration it is customary for a cabinet member to tender his resignation, but he remains in office until a successor is appointed.

Ordinarily, the cabinet meets once a week, although more often in time of war.

Advice at a cabinet meeting covers many problems and policies of the Administration, but the President does not have to follow it.

Throughout the years, the cabinet has remained what it was meant to be at the outset—a purely advisory body. (AFNB)

THE LOCKER ROOM

Prospective Pro

By ED RANCK



Many years ago in the town of Latrobe, Pennsylvania, there was a young man who fell in love with the game of golf. He loved the game so much that he spent all his time at the local country club course, sometimes playing, sometimes just soaking up the atmosphere. His father, who was an employee at the club, never really encouraged him to take up the game, but when it became apparent that golf was the only thing that the boy really wanted to do, his father became his number one instructor and severest critic.

By the time he was 17, the boy had become one of the best young golfers in Pennsylvania. He won a golf scholarship to Wake Forest College, turned pro after graduation, and went on to become the most famous golfer that ever lived. His name of course, is Arnold Palmer.

There is a young man whose face may be as familiar at the China Lake Golf Course as Palmer's was at the Latrobe Country Club. He is 17 years old, plays over 100 holes of golf each week, has a one handicap, and recently shot a 65 to break the China Lake course record. His name is Pat McDonald.

A SIMILAR BEGINNING

It's unreasonable to say that Pat McDonald is on his way to becoming another Arnold Palmer, the simple fact being that there will probably never be another player quite like Palmer. However, there seems to be a definite course that most young golfers take on their way to becoming top professionals, and at this time it appears that Pat is on the right track.

First of all, Pat comes from a golfing family. His parents Al and Mary McDonald play the game and are both better than average players. He has lived at China Lake all his life, therefore he has always had the advantage of having a good course practically at his back door.

He has had other things going for him. One is that he began when he was very young. Also, he has had the good fortune of having a man like Paul Someson as a teacher. Someson is a PGA professional. He isn't one of the touring pros who steal the headlines and win the money, but one of the hard working club pros that are available at good golf courses throughout the country. Paul's name may never be mentioned when they talk about the great golfers, because he is primarily an instructor. But as an instructor he is among the best.

IMPROVEMENT FROM THE BEGINNING

Pat became interested in golf at the age of 11. Because of the age minimum at the course, he never played his first round until he had reached the ripe old age of 12. The first time they turned him loose, he shot a 70 for nine holes. Considering the fact that Pat wasn't much taller than the clubs that he was swinging, it wasn't a bad start. Six months after he began playing the game, Pat had improved by 20 strokes. By the time he was 14, he was shooting in the 80s, and had broken 80 shortly after he turned 15.

In the past two years, Pat has become one of the best young golfers in the Southern California area. He has finished in the top 10 at the CIF Tournament for the past two years, and was seventh at the Pasadena City Junior Golf Tournament this year. Pat has been a member of the Burroughs High golf team for the past two seasons. Along with Mike Sorge, Bob Yount, Travis Vines and Bill Byrd, he helped make this season's club one of the finest Golden League teams in recent years.

LOOKING TOWARD THE FUTURE

As one of Paul Someson's prize pupils for the past six years, Pat has just about perfected his golf game. He is a big hitter off the tee averaging around 260 yards, and is capable of hitting over 300 yards on occasion, although he has a tendency to hook his shots when he tries to hit the ball too hard. He is a consistent player as can be seen by looking at his record round. He parred 11 holes and fired seven birdies, setting up most of the birdies with fine approach shots.

When he graduates from Burroughs, Pat would like to go to college at the University of Houston because of the fine golf program there, then possibly turn pro after he graduates. Someson says that Pat has a definite chance to become a pro, and a good one providing, he practices more than he does now and pays attention to those who can teach him how to improve his game.

On this point Pat agrees. He says that the only time he gets in trouble is when he doesn't listen to what Paul has told him to do or when he gets a little lazy and doesn't practice enough. With an attitude like this it is possible that Pat McDonald may be on his way to becoming a great golfer. Who knows? Someday they might be talking about Pat's Army.



ALL STARS READY - The Little League All Star team of China Lake will take on Bishop this afternoon here at China Lake in the 1967 Area Championships. Members (top, l-r) are Coach Don Branson, Zimmerman, Mike Bustard, Eddie Paine, Chuck Rouland, Dwight Scott, Tim Cox, Jim

Cordle, Manager Max Smith and (kneeling, l-r) Jim Miller, Brad Catcott, Mike Booth, Bozo Kirwin, Billy Lalor, Jim Bowen, Robert Blanche, Alan Huff and Chuck Beatty. Game time is 5:30. Saturday, the championship will be decided. -Photo by PH3 Jerry Willey

Triangle Regains First Place Spot

One winning streak came to an end this week and another was extended as the China Lake Softball League schedule reached the halfway mark. The tough Ridgecrest Tigers made it six in a row Monday night, defeating Ace TV, 5-0. The defeat ended Ace's winning streak of eight games, and dropped them into a tie for second place.

Triangle Sporting Goods regained sole possession of first place, coming from behind to defeat the vastly improved Genge Industries ballclub, 5-4. Gene Smith doubled home two runs in the top of the sixth inning to put Triangle ahead to stay. Warren Turnbaugh had homered in the third, and Jim Bradberry scored on a run-down play in the fourth to wipe out an early 1-0 Triangle lead. Triangle added a run in the sixth and a single run in the seventh to go ahead, 5-2, then held off a late Genge rally to win it. Pete Klassen went all the way to win his 10th game of the year, while Tony Scanlon took the loss for Genge.

Billy Brown limited the hard hitting Ace TV ball club to four hits as the Tigers won their ninth game of the year and moved into fourth place. Ridgecrest went ahead 1-0 in the second on Lou Radcliff's homerun, then took advantage of four Ace TV errors to score twice in the fourth and seventh innings. Brown struck out four in winning his sixth straight game and his eighth of the year. Bert Andreason went all the way for Ace TV, losing his first game of the season.

The Tigers scored four times on four consecutive singles with two out in the sixth inning, as they came from behind to defeat Genge, 6-5. Dave Wilkie had put Genge ahead 1-0 on a homerun in the second inning. Genge broke a 1-1 tie in the fourth, scoring four times with Jerry Tyler's two run double being the big blow. The Tigers put together five of their seven hits in the sixth to win it. Dick Clodt started for Ridgecrest and was relieved by Brown in the fourth. Brown was the winner while Scanlon took the loss for Genge.

New Pool Records

Twelve pool records were shattered recently at the Commissioned Officers' Pool, as the IWV Swim Team participated in a tri-club swim meet with the Antelope Valley and Apple Valley swim teams. Antelope Valley set 10 records and Apple Valley two, however, it was the IWV team that came out on top. IWV continued their unbeaten streak this year scoring 605 points, compared to Antelope Valley's 434 and Apple Valley's 317.

The local team took first place in seventeen individual events, with Ann Allan and Martha Bock winning two events each. The meet attracted over 150 swimmers between the ages of 6 and 18.

Little League Area Tourney Starts Today

This afternoon China Lake plays host to the Little League Area Tournament. In a double header starting at 3:00 p.m., Ridgecrest plays Lone Pine-Independence, followed by the China Lake-Bishop game at 5:30. On Saturday the losers vie for third and the two winners go for the championship and the right to move into district play next week at Lancaster.

Manager Max Smith feels that this year's all star team, composed of outstanding players selected from the six China Lake teams, is "a little above average in hitting and defense and at least average in pitching." He and his coach, Dan Branson, anticipate a showdown between Ridgecrest and China Lake for the area championship, but can't rule out either Bishop or Lone Pine-Independence, since little is known about the makeup of their all star teams.

At this time the China Lake team is not set, due to the extensive play offs required to determine the Major League champions, but Smith feels that he will go with an infield of Kirwin catching, Bustard at first base, Blanche at second base, Paine at short stop, and Catcott at third base. Outfield will be manned by Cox, Lalor and Zimmerman. Mound duties fall to Paine, Wooten, Bowen and Bustard.

Radio Station KLOA will broadcast all four games.

Softball League

Table with columns: Team, W, L, GB. Rows include Triangle Sporting Goods, Ace TV, Engineers, Ridgecrest Tigers, Magic Cleaners, NAF, NOTS, VX-5, Genge Industries.

NEXT WEEK'S SCHEDULE JULY 24-Genge vs. NOTS, Engineers vs. Ridgecrest Tigers. JULY 25-Ace TV vs. NAF Hawks, VX-5 Vampires vs. Magic Cleaners. JULY 26-Triangle Sporting Goods vs. NOTS, Engineers vs. NAF Hawks. JULY 27-Genge vs. Magic Cleaners, Ace TV vs. VX-5 Vampires. JULY 28-NOTS vs. Ace TV, Triangle Sporting Goods vs. Engineers.