

Physicists Meet To Compare Notes



FRENCH PHYSICIST — Professor Minko Balkanski, (l), meets with Dr. B. O. Seraphin, Head, Semiconductor Physics Branch, NWC, prior to Balkanski's lecture in applied spectroscopy and lattice dynamics of solids here Monday. The speaker is Professor of Physics at the University of Paris, France, and summer instructor at New York University, located in New York City.



TALKING AIR WEAPONS — Col. H. S. Beaty, USAF, air munitions analyst in the Office of the Asst. Secretary of Defense, meets with (l-r) William R. Bryant of Code 40's Tactical Air Weapons Branch, Air-to-Surface Weapons Div., and William B. Porter, head of the Shrike Program in Code 40. Col. Beaty visited NWC last Monday and reviewed Walleye, Snipe, Sidewinder, Shrike, Helicopter Trap Weapon, Fuel-Air Explosive and Free Fall Programs. He was briefed on Michelson Laboratories work by Capt. R. E. Moore, the Center's Technical Officer.

PROMOTIONAL OPPORTUNITIES

(Continued from Page 2)

pects of the management of the Biological/Chemical Weapons Development Programs. For example, budget, fiscal, management analysis and planning. Qualifications: Bachelors Degree in Business Administration or Liberal Arts Degree with appropriate major and qualifying experience for the GS-11 grade level.

File applications for above with June Chapp, Bldg. 34, Rm. 26, Phone 72576. Head (Xerox Machine Operator), WP-44-027-38, \$3.66 per hour, (1 Vacancy), Code 7513 — Subsequent to attaining journeyman status as a Xerox Machine Operator, applicants must have had one year of journeyman experience as a Xerox Machine Operator. Incumbent must also be able to lift weights between 50-100 lbs.

Xerox Machine Operator, WP-44027-08, \$3.23 per hour (1 Vacancy), Code 7513 — In addition to passing the written test which may be waived for non-competitive appointments, the incumbent must have had six months experience in the operation of various machines such as blueprint, photostat, Xerox and Oxalid-process equipment. The experience must have included or been supplemented by three months of experience in the actual operation and day-to-day maintenance of a Xerox machine. No substitution is permitted for this experience. Incumbent must also be able to lift weights between 50-100 lbs.

File applications for the above with Caroline Cadle, Bldg. 34, Rm. 28, Phone 71648.

Transportation Loss and Damage Claims Examiner, GS-7, Code 25904 — Investigates discrepancies, shortages, damages, overages, packing loss shipments, etc., relative to material received from various supply agencies. Determines cause and responsibility of loss or damage, possible repairs; prepares reports of findings. Qualifications: Three years' general experience as described above plus at least one year's experience in actual transportation claims work such as examination, review and development of claims by or against the employer arising from the loss or damage of goods and merchandise within the custody of carriers.

File applications for above with Vicki Mead, Bldg. 34, Rm. 28, Phone 72218.

ESTABLISHMENT OF REGISTERS Modelmaker (Machining) Ann. No. FL-7-06, issued September 11, 1967, open until further notice.

Etched Circuit Maker Ann. No. FL-7-07, issued September 11, 1967, open until further notice.

Interested applicants apply to Board of U. S. Civil Service Examiners, Naval Weapons Center, China Lake, Calif. Bldg. 34, Rm. 1.

From _____

STAMP

TO _____

'Philadelphia Story' Curtain Rises Tonight

The China Lake Players will present Phillip Barry's hit comedy, "The Philadelphia Story," tonight and tomorrow night at the Murray School auditorium. Curtain time is set for 8:15.

The original Broadway production featured such well-known performers as Katherine Hepburn, Shirley Booth, Van Heflin and Joseph Cotton. The play has long been a favorite of amateur and professional theater groups, according to director Sarah Hetrick.

The story evolves around the trials of a rich young socialite from Philadelphia, whose sheltered and ordered world begins to come apart at the seams.

Her imminent marriage into the coal fields is threatened by the unexpected arrival of her luncheon. Further complications are provided in the form of an arrogant reporter for a gossip magazine who joins the contest for her affections. The reporter's partner, a female photographer, adds to the confusion.

The socialite's lovely but difficult family include a meddlesome little sister, a scheming brother, a harried mother, a wayward father and a devilish old uncle.

Cast in the lead role of Tracy Lord will be Lana Mattison. Her three suitors include Frank Pickett as Dexter, Jim Moore as George and Bob Gritton as Mike. Connie Anderson will perform the role of Liz, the photographer.

The family will be portrayed by Karen Seppich as Mother, David Seppich as Father, Anita Gay Davis as little sister Dinah, Don Towne as brother Sandy and Warren Kirk as Uncle Willie. Other members of the cast include Bill Davis, Eileen Taylor, Anna Marie Sepich and Mike Hetrick.

The local production will be under the direction of Sarah Hetrick, with Bette Rivera serving as assistant.

Tickets are available at the Center Pharmacy and the Gift Mart in Ridgecrest, as well as from members of the cast. Admission is \$1.25, and 75 cents for students, at the door.

Space Club Sets Anniversary Meet For Monday Night

The 10th anniversary of the space age, which began October 4, 1957 with the orbiting of Sputnik 1, will be observed by the China Lake Astronomical Society, Monday, October 2 at 7:30 p.m.

The special program will include slides, tape recordings of early events in the space program, a short movie on Robert Goddard, American pioneer in rocketry and space flight, and highlights of the early Moonwatch program in which members of the China Lake club played a prominent part.

Don Peterson, vice president of the local club, invites all interested persons to attend the anniversary program in the societies clubhouse at 401 McIntire St.

SHOWBOAT

FRIDAY "HARPER" (121 Min.) Paul Newman, Lauren Bacall 7:00 P.M.

(Mystery) Private eye tries to find Lauren's missing husband and takes a series of lumps as his unknown adversary combats his every move. Hard-hitting yarn is fast-paced action, almost documentary in style with Paul not always winning. (Adult.)

SATURDAY "ERIK, THE CONQUEROR" (82 Min.) Cameron Mitchell 1:00 P.M.

Shorts: "Chilly Weather" (7 Min.) "Return of Capt. Marvel" No. 3 (17 Min.)

"BOY, DID I GET A WRONG NUMBER" (99 Min.) Bob Hope, Elke Sommer, Phyllis Diller 7:00 P.M.

(Comedy) Boy, will you roar as Bob, a summer resort real estate agent, gets conned into helping Elke, a movie queen who is tired of Hollywood, hide out in a mountain cabin. And kooky Phyllis doesn't help matters any! Wild zany fun. (Adult, Mature Youth.)

Short: "Bob Voyages" (7 Min.)

SUNDAY-MONDAY "THE WAR WAGON" (101 Min.) John Wayne, Kirk Douglas, Robert Walker 7:00 P.M.

(Outdoor Adventure) Paroled rancher seeks vengeance for his framed killing and rounds up a gang of "specialists" to hijack an armored gold wagon operated by the villain. A super never-a-dull-moment film filled with action. (Adult, Youth, Mature Children.)

Short: "Yukon Have It" (7 Min.)

TUESDAY-WEDNESDAY "YOU ONLY LIVE TWICE" (115 Min.) Sean Connery as James Bond 7:00 P.M.

(Spy/Drama) 007 is killed! But revives to fight Spectre's operations in Japan where they plot to start another World War. See the one-man "copter fight off four planes, the huge false volcano, the super space ship. Don't miss! (Adult, Youth.)

THURSDAY-FRIDAY "THAT TOUCH OF MINK" (99 Min.) Cary Grant, Doris Day 7:00 P.M.

(Comedy) It started when his car splashed her and ended up in Bermuda where she broke out in a rash. Tycoon Cary tries to make up for the accident, but kooky Doris can't make up her mind about his intentions. A wild classic! (Adult, Very Mature Youth.)

Short: "Two Faces of Kenya" (10 Min.)

Coast Guard Aux. Plans Boating Safety Program

A one-lesson session on Motor Boat Handling will be given for all interested people at the China Lake Boat Club building by the U.S. Coast Guard Auxiliary Thursday, October 12. The course is the first of a series of public education courses on boating safety given by Flotilla 76 of the Auxiliary, which is chartered at China Lake.

Flotilla 76 Training Officer Gary D. Bird, speaking about the forthcoming class, said, "Motor boat handling today is an increasingly popular art. The Coast Guard Auxiliary is, with the normal small boat operator, interested in the safe enjoyment of his craft. Certainly as important as adequate and proper equipment is the safe operation of the craft while underway. Wider education of a boating public on motor boat handling and courtesy afloat reduces accidents. Public training courses are a service which the Coast Guard Auxiliary is pleased to extend."

Bird indicated course content would include some 70 slides with narration, followed by a motion picture entitled "Courtesy Afloat." The session will be given Thursday at 7:30 p.m., after a brief business meeting, at 355 McIntire St.



CROSSWORD PUZZLE

Answer to Previous Puzzle

ACROSS	1-Perform	3-Note of scale	5-Evaporates	6-Bogged down	7-Worthless	8-Give food to	9-Part of "to be"	10-Melancholy	12-A state (abbr.)	14-Ascends	17-Servant	20-The sweetsop	23-Hebrew month	24-Prefix, twice	25-Declared	27-Part of leg	30-Narrow opening	32-Story	35-Plugging	37-Decree	38-Binds	39-Puffs up	41-Narrow, flat board	43-Walks wearily	44-Spanish article	46-Man's nickname	48-Genera	51-Girl's name	53-Another girl's name	57-Male	58-Babylonian deity	60-World War II agency (init.)	62-Near	64-Pronoun			
DOWN	1-Devoiced	2-Frank	4-Vast ages	6-Couches	11-Clothesmaker	13-Earthquake	15-Printer's measure	16-Enliven	18-Note of scale	19-District	21-Fur-bearing mammal	22-Bespatters	24-Tiny amounts	26-Fabric	28-Insect	29-Mental images	31-Depression	33-Rupees (abbr.)	34-Deposit of sediment	36-Hard of hearing	38-Symbol for tellurium	40-Expires	42-Choice part	45-Wing	47-Soapstone	49-Nobleman	50-Tropical tree	52-Transaction	54-Symbol for tantalum	55-Latin conjunction	56-Ape	59-A state (abbr.)	61-Sailor	63-Brands	65-Sharp pain	66-A continent (abbr.)	67-Worm

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Creativity System Gets Results During Trial Sessions at Center

Technical Men Find Solutions To Problems

BY JOHN R. McCABE

The first trial at China Lake of a new method of group creativity development, called Synectics, has just been completed this week under the leadership of Personnel Department's Applied Behavioral Sciences Research Group.

Six China Lakers — workers from five technical departments plus a naval officer — met in two three-day training sessions in the Community Center to learn, then apply the unique group inventiveness method. They were trained and led by Dr. Robert V. Stephenson, head of the Research Group.

In Synectics, a small group of professionals, including at least one working with the problem to be solved, attempt to duplicate the mental processes of the inventive genius to solve a technical problem. This calls for redefining the problem in subjective terms, then taking group excursions into the realm of free-wheeling imagination to find novel, even strange approaches to a solution. Under the guidance of the leader, or moderator, the group returns again and again to the problem — at last, it is hoped, with a promising solution.

The men involved in this first application of Synectics at NWC were J. S. Dinsmore, Jr., a statistician and head of



TRANSFORMING A PROBLEM — Members of NWC's first Synectics session attack technical problems with excursions into the imagination, led by Dr. Robert Stephenson.

Problem solvers are (rear, l-r) W. E. Freitag, J. S. Dinsmore, Jr., and (front, l-r) H. O. Porter, J. G. Moore, Cdr. F. W. Bustard and L. F. Van Buskirk. —Photo by PH1 Bird

AOD's Analysis Branch, Aircraft Projects Division; L. F. Van Buskirk, a mechanical engineer with Code 30's Electro-Mechanical Branch, Instrument Development Division; J. G. Moore, a physicist and head of Code 50's Upper Atmospheric Sciences Branch, Earth and Planetary Sciences Division; W. E. Freitag, an electronic engineer and head of Code 55's Electronics Branch, Electromechanical Division; H. O. Porter, a mechanical engineer and head of Code 45's new Air-Breathing Propulsion Branch, Liquid Propulsion Division, and Cdr. F. W. Bustard, NAF's Target Officer.

Synectics is a Greek-derived term meaning, roughly, the joining together of remote-

ly related and seemingly irrelevant ideas or mental images to form a novel solution to a problem. It is also the trademark name of the invention research company in Cambridge, Massachusetts, that leads development of the method. Synectics' inventor and company president is Dr. William J. Gordon.

The technical problems worked on by Stephenson and the six technical men over the past two weeks produced a series of technical solutions likely to result in useful devices, according to the group. The inventions included a high-temperature, high-pressure air supply system, a fail-safe device for parachutes, a circular saw blade that will cut wood but

not fingers, a deep submersible design and an image display device for the head-coupled TV drone guidance system.

Although this first six days' experience with Synectics at the Center was only a pilot training exercise, several patents may result from the solutions produced. A patent has been applied for on the head-coupled TV display.

The men reached agreement on several improvements indicated by the Synectics trial.

"We need thorough training in the method, with men from all the departments participating, before the Center can use the method most effectively," said Dr. Stephenson.

(Continued on Page 3)

Congress Asked To Make Oct. 1 Effective Date for Pay Raise

Congress has been asked to make the 5.6 percent increase in military base pay effective October 1, as was requested by President Johnson in his April message on all Federal pay.

The request was made September 19 before the House Armed Services Committee by Assistant Secretary of Defense (Manpower) Thomas D. Morris.

Base pay increases for all pay grades, E-1 through O-10, make up about 74 percent of the total raise.

The stress was placed on base pay because it affects all personnel, while increasing allowances would benefit only

those who are furnished quarters and subsistence.

DOD also favored base pay increases because they increase future military retirement income, thereby offering long-term value and incentive to the career force.

Since quarters and subsistence allowances, etc., are considered part of military pay, a 5.6 percent raise for military personnel is necessary to equal the President's call for a 4.5 percent raise for civilian employees.

The legislation would also authorize "continuation pay" for selected physicians in the armed forces who agree to serve beyond obligated service.



VISITOR FROM FRANCE — Capt. M. R. Etheridge, Center Commander, guides Maj. Gen. Jean Soumastre in start of tour Thursday and Friday, Sept. 21 and 22. Gen. Soumastre, Director of the French National School for Solid Propellants and Explosives, examined casting and extrusion facilities at Salt Wells, explosive test facilities in Area R, and the Skytop test site, where he and his party viewed a firing.



ROBERT MCKENZIE

Robert McKenzie Awarded Masters Degree by USC

More than two-and-one-half years of hard work and personal sacrifice finally paid off for Robert V. McKenzie recently when he was handed his Master's Degree in Public Administration at the University of Southern California Extension graduation ceremonies September 2, 1967.

McKenzie, an administrative officer at the Center, wrote his master's thesis on: "Planning and Goal Setting: A Case Experience." He stated that his thesis could not have been done without the willing help and support from a number of people at China Lake and Pasadena.

An old hand at burning the midnight oil, educationally speaking, McKenzie earned his Bachelor's Degree in Psychology from Ohio State University in 1950.

He came to the Naval Weapons Center in 1954 backed with a total of nine-years experience as a Budget Analyst in Central Staff.

Between 1961 and 1963, McKenzie was employed by a large bank as a corporate financial planner and estimator. He soon returned to budget work at NWC toward the end of 1963.

Since 1965, McKenzie has served as administrative officer in support of the Special Assistant to the Office of the Technical Director (Code 151). From 1951 to 1953, Private McKenzie served a short tour of duty with the U.S. Army in the states before being shipped to Germany for 18 months of overseas service.

McKenzie is married to the former Carol Westfield of Banning, California. They have two children, Luke, 7 and Mia, 2 and reside at 304 Leyte at the Center.

TEMPERATURES AT CHINA LAKE

	Max.	Min.
Sept. 22	89	57
Sept. 23	90	61
Sept. 24	91	63
Sept. 25	91	60
Sept. 26	95	63
Sept. 27	96	65
Sept. 28	92	66

NWC Fire Prevention Week Slated Oct. 8-14

Nature Challenges Mountaineers Skills

BY MILT SHEELY

The men were edging their way up the steep, jagged, and iced sides of the mountain fully loaded with back packs and bucking extremely forceful winds. Suddenly, a yell and a strong pull on the safety ropes as a member of the mountain climbing team plunged over the side heading for the terra firma some 3,000 feet below. But the safety rope held fast as team members scrambled to rescue their buddy dangling 10 feet below the safety of the narrow mountain ridge.

Twenty-five minutes later, after the hair-raising experience, the mountaineer was hauled to safety and the comfort of his comrades.

This could well have been a scene taken from a television production, magazine article, or motion picture. It wasn't! It happened to one member during his mountain training experience last summer when he and eight other men from China Lake, headed by Dr. Carl Heller, attempted to climb the highest mountain peak in North America.

Challenged!

Climbing Mount McKinley, located in south central Alaska, with its upper-most peak reaching to the sky more than 20,000 feet above sea level, presented a challenge to the men of the China Lake Mountain Rescue Group, a challenge they had to accept. "Climbing mountains is not really new to us," commented Heller, "some of the men were together during successful climbs of the Himalayan Mountains in Afghanistan a few years back, and more recently, the scaling of the Andean Mountains in Peru!"

"This trip was different from the other two we made," Heller continued. "Careful planning, serious determination, minute study of Mt. McKinley's geographical location and weather conditions, were some of the primary things to be concerned with prior to our summer departure. We also had a few 'greenhorns,' so to speak, making this trip and we had to make sure we took no unnecessary risks along the way."

Some people will go north during the winter to escape the hot, muggy summers in the southern parts of the United States. Heller and his Rescue Group went to lengths to beat the humid summer months when they decided to tackle the job of hoisting themselves up to the lofty top of Mt. McKinley in the cold country of our 49th state.

First of all, men such as Dennis Burge, Russ Huse, Ernest Bauer, Frank Buffum, Charles (Chuck) Ringrose, Bob Westbrook, Jim Nichols, and Bob Stein had to foot the bill for their equipment and transportation to the area they were to call their home for the next few weeks.

Base Camp

Next, all equipment, once at their Base Camp located at the 7,400 foot elevation, had to either be hauled on their backs — a sizeable load for any man when one considers the average back-pack weighed 60 lb. — or loaded on the home-made aluminum toboggan which was propelled by pure manpower strength.

Furthermore, Heller and his group could not rely on finding porters familiar with the area they were going to nego-

tiate, nor were there any sort of motor transport or burros available for their use. Heller said, "We had to depend on each man working together as an integral part of a team. One weak chain in our link could send us to eternity."

Their deep freezer in the wilderness had to contain enough food to last the group for a minimum of 30-days, including emergency rations. The only sensible thing to do was allocate one box of food per day. There was always the unexpected threat of Mother Nature playing a dirty trick and snowing them in with no possible help from the outside, at least not immediately.

It must be mentioned here, however, that before any group such as Heller's ventured into the unknown world of snow,

(Continued on Page 5)



GOD'S CREATIVE BEAUTY — The surrounding beauty of the area left the mountaineers speechless as this scene was snapped looking down Kahiltna glacier seemingly guarded by mountain peaks like sentinels on isolated guard duty.



SUMMIT TRIO — One of the first things to appear after the long climb to the summit was the Stars and Stripes shown being held by Frank Buffum, (l), with the approval of fellow climbers Russ Huse (c), and Robert Westbrook.



GLORIOUS VIEW — The camera shutter clicks and reveals the scenic splendor of Mount McKinley wrapped in a cover of

soft, fluffy clouds. Mt. McKinley is the highest peak in North America climbed by the China Lake Mountain Rescue Group.

ABSOLUTE PEACE — Looking from Mount McKinley, the photographer caught this peaceful glimpse of scenic magic looking toward Base Camp. Deep snow and 40 to 100 knot winds added to the difficulty of climbing.



NO-HORSEPOWER TRANSPORT — Dennis Bruge, a veteran mountain climber, takes time to check over supplies and other life-saving equipment stored aboard the home-made aluminum toboggan pulled by sheer manpower.

Lager, Civil Service Employee, Ends Career

William (Bill) V. Lager, a Federal Civil Service employee, retires today after 22 years of service at China Lake with the Navy. He was assigned to the Public Works Department as foreman of Electrical Maintenance and Utilities Operations Branch.

Lager and his family came to China Lake in December 1944 after his completion of a position with Cal. Tech. in Eaton Canyon. In 1953, he was transferred to his present job in Code 7043.

"When I arrived," Lager said, "there were three buildings in operation in the pilot plant: the No. 1 press building; oven building, and an inhibiting plant. Watching the China Lake and Salt Wells complex grow along with the rest of the base has been most interesting. It has reminded me of the pioneering spirit of the past."

The Lagers plan to spend most of their time at their Crowley Lake home. "If the snow gets too deep," Lager said, "we plan to use our trailer and head south with the geese. While my wife, Dorothy, continues her painting, I'll spend time improving the yard and working on my woodworking hobby. Maybe a little fishing can be worked in on the side," Lager commented.

Lager has been a member of the local Masonic Lodge since its beginning, being one of the first candidates. He was Master in 1957 and head of the building committee when the new temple was erected. He is also a 32-degree mason and a member of the Al Malaikah Shrine.

Dorothy has been associated

with the China Lake Art League for several years and has a "one woman" art show scheduled at the Community Center from October 2 through October 31. Her art work deals mainly with landscapes and figures.

Before departing for their new life, the Lagers expressed their thanks and gratitude to their many friends for the well-wishes for a happy retirement.

High Holy Day Services Planned

(Continued from Page 2)

been altered this year, however, and parents will have the opportunity to register their children on November 4 for the school which will begin 9 a.m. in the East Wing of the chapel.

In addition to the NWC program, the Los Angeles United Service Organization, (USO) has announced their Holy Day services schedule. Rosh Hashanah Eve will occur Wednesday, October 4, followed the next day by Rosh Hashanah Day.

Friday evening, October 13, is set aside for Kol Nidre with Yom Kippur Day, Saturday, October 14.

The USO and the Los Angeles Jewish Community has invited servicemen to be guests at Rosh Hashanah dinners and Home Hospitality-Reform, conservative or orthodox, according to individual preference.

Servicemen planning to attend should communicate with the following USO's by mail, phone or in person to assure a reservation: USO-Los Angeles Club, 111 West 5th St., Los Angeles, Calif., phone MA 8-4291, or the area office, phone 626-0522, and USO-Hollywood Club, Hollywood, Calif., phone HO 7-7187.

New Lightweight Gun Developed For Destroyers

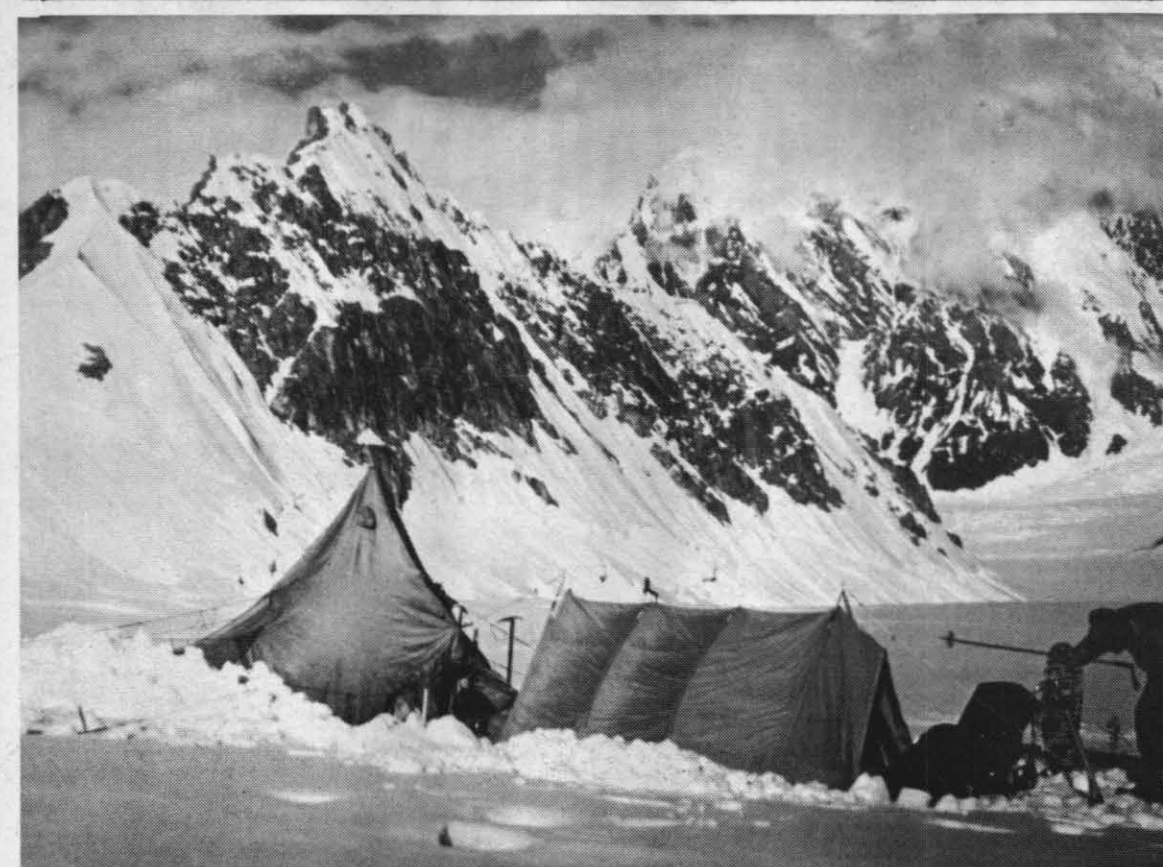
Navy has developed a lightweight, fully automatic 5-inch, 54 cal. gun which will eventually replace the 5-inch 38. cal. gun now primarily used on destroyers.

The new gun weighs one-third less than present ones and can be operated by a six-man crew stationed below decks. It has a range of 20,000 yards and fires a projectile weighing more than 50 pounds.

Navy says the gun — with a 20-round-per-minute rate of fire — will increase a destroyer's capability in engaging fast-moving air and surface targets and permit increased fire support during amphibious operations.

Wage-Change Survey To Determine Rates For Ungraded People

Navy's wage-change survey in private industry in the Los Angeles area began Tuesday, September 26. Rates-of-pay data acquired during the survey will determine pay rates for Navy ungraded employees at China Lake. Questions regarding the survey should be directed to Bill Blinkhorn, Head, Wage and Classification Division (Code 655), Ext. 72296.



BASE CAMP HOME — Robert Stein, (r), secures his personal gear before attempting the long trek from Base Camp to the up-

per atmosphere of Mount McKinley with other members of the team. Tents and supplies were carried on the men's backs.

China Lake Mountain Rescue Group Scales 20,320 Ft. Mount McKinley

(Continued from Page 4)

Long Two Weeks

"How long would a climb to the top of Mt. McKinley take?" Heller was asked. "It took us a long two weeks to reach the objective which was only 19 miles away, and just two days to make the trip back to our Base Camp." Why such a gap in mathematical figuring? That puzzled others too.

Heller reflected that due to all the gear needed to make the attack on the mountain, plus lugging all our food, and a constant struggle with the deep snow, contributed to our taking such a long time to get where we were headed. We had to shuttle the food and gear to temporary caches marked by us along the way — leave what we could haul man-by-man, return to the number one camp and bring the remainder of the supplies to number two camp.

Permission Granted

The "Standby Agreement," signed and approved for the rescue of Heller's group, if the need occurred, gave the official green light and the group was ready to head out to exploration, adventure, and hopefully, success.

Departure from China Lake actually took place on June 23 with their arrival in the general location of Mt. McKinley on June 25. From this area, the men loaded their mountain climbing gear, including one tank of oxygen for emergency use, aboard a Cessna 180 equipped with skis. The aircraft, piloted by what Heller calls "one of the more famous glacier pilots," Don Sheldon, headed for the glacier on June 27-28. After their descent from the mountain, Sheldon picked them up on July 13-14 and headed for warmer territory and home.

Asked what kind of contact the Rescue Group had with the outside world, Heller commented, "We had one radio in the Base Camp. We could always contact Sheldon, our pilot, if we needed emergency assistance. Fortunately, that need never arose."

From Base Camp, where permanent quarters were established in the way of three nylon tents; two two-man and one four-man tent—more tents could have been taken on the trip, but for less weight, it was decided to squeeze three inside the two-man coverings — the men were ready to get on with their adventure.

Once top-side the venerable old mountain, and all members of the group made it to the top, they had a ceremony marking their landing with the American flag.

The trip down the mountain took two days because the men had eaten the majority of food and had left seven days food supply at the high camp for other daredevils who might make similar trips in the fu-

ture. So the trip down meant less of a load for each man to carry and new camps set up in the beginning were bypassed on the descent. The temperature during the climb ranged around a minus 15 degrees. The men, well-clothed in winter gear, suffered no ill-effects from the chilly atmosphere. This is where advanced preparation had paid off for these stout hardy explorers.

Gear Required

Gear needed for the group's exploration and climb included snowshoes, skis, arctic boots, gas stoves, 400 "Wands" — bamboo poles topped with flags for marking their trail — climbing ropes, first-aid gear and red flares which produced a red smoke in the daylight since we had 24-hour daylight.

Would Heller and his team do it again? You bet they would, but at the moment, a well-deserved rest is desired while they plan next summer's vacation somewhere in the vast unknown.

The China Lake Mountain Rescue Group is continually in a state of training. Adventures, such as the one taken this summer is only one way of keeping our people in shape for the unexpected according to Heller. "You might say we are on 24-hour alert, ready to go anywhere, anytime for any emergency where our skill and services are needed."

The local rescue group has 22 members ranging in age from 16 years to 56 years old. An unknown fact to many revealed during the interview is that three women are also active members. Heller states they help primarily in support positions such as driving vehicles, cooking and operating radio equipment, but they are a necessary link in our chain and we'd be lost without their dedication.

Can Do!

The China Lake Mountain Rescue Group firmly believes in helping their fellowman, of working together and learning to increase skills already developed. By keeping on their toes, both mentally and physically, the members will always try to attempt the impossible, whether it be in the middle of the dry-hot and sandy desert or atop some unknown mountain wall.

Mount McKinley Expedition

The China Lake Mountain Rescue Group will present the only showing "From the Desert to Denali," the story of the Mount McKinley expedition.

The program is featuring color slides, movies, and equipment displays Wednesday, October 4 at 7:30 p.m. at Richmond School.

A one dollar donation in exchange for tickets will be accepted at the door. Money donated will go towards the purchase of new equipment and other mountain climbing gear used by the volunteer rescue group.

Did You Know?

Have you ever failed to signal a turn because there was no vehicle in sight behind you?

It takes only a second or two for a driver to pull out of a side street, parking place, or a driveway and get dangerously close behind you.

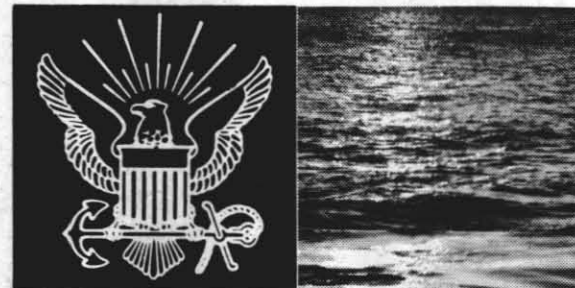
The smart thing to do is to get that directional signal going whether you see another vehicle or not.



SUBMIT ENTRIES BEFORE NOV 67

FREEDOM

My Heritage, My Responsibility
FREEDOMS FOUNDATION
VALLEY FORGE, PENNSYLVANIA 17882



NAVAL UNDERSEA WARFARE CENTER

PASADENA, CALIFORNIA

Retirement Ceremony For Technical Officer Center and City Honors Bestowed

Ceremonies held here yesterday marked the retirement of Cdr. H. H. Schleuning, Jr., Technical Officer since October, 1963, and NUWC's first Executive Officer (Acting) since July 1, of this year. He was relieved by Cdr. Claude J. Tetrick.

Cdr. Schleuning leaves 20 years of military service to join the American Explosives Company in Rialto, California, as vice president and operations manager.

Fund Drive To Start Next Week

The 1968 Los Angeles Area Combined Federal Campaign will be conducted from October 2 through November 6, in support of the United Crusade (United Way and Red Cross), the National Health Agencies, and the International Service Agencies.

D. P. Newman, Chairman, explains that the Combined Federal Campaign has come about due to the strong desire of federal personnel to have just one campaign each year to raise money for charitable purposes. He adds that payroll deduction makes donation convenient and saves time.

Early this week, keymen from all LA area NUWC codes met with Captain G. H. Lowe, Commander, and D. P. Newman to receive campaign material and an indoctrination of the overall campaign and agencies covered.

Keymen will be contacting each employee during the next few days, Newman said. He urges that you take a few minutes to discuss the agencies, and consider carefully your fair share.

In last year's LA-CFC, the Armed Forces raised \$373,000 of which \$223,000 came from Navy and Marine activities. This year's Navy - Marine goal is \$254,000.

Your one - time contribution or pledge covers all contributions this year. Allotments run from January through December, and you may designate part or all of your gift to any agency of your choice, Newman added.

Your keyman will explain the various ways you may make your contribution.

A reception was held last week at which Cdr. Schleuning was honored by the Pasadena Council of the Navy League of the United States. While his wife, Pat, looked on, Cdr. Schleuning received a Scroll of Honor presented by Otto Hirt, Eleventh Region President.

The Scroll read "In testimony and tribute to outstanding service to the United States Navy and the Navy League and in recognition of achievements which exemplify the highest ideals of the Navy League. His personal leadership and special contributions in the recovery of the H Bomb with CURV, off the coast of Spain, April 7, 1966 are worthy of the highest praise. He is to be commended for more than 20 years of dedicated Naval Service."

Cdr. Schleuning was born in Cambridge, Nebraska, raised in Lincoln, Nebraska. He enlisted in the Navy December 7, 1942 and served through WW II in both the Atlantic and Pacific theaters. He was discharged in 1945, joined the Reserves while attending the University of Nebraska, received his commission in December 1947, and returned to active duty in July, 1950.

He earned a B.S. degree in Engineering at the Post-Graduate School at Monterey and a Master's Degree in Chemistry at Lehigh University, Bethlehem, Pennsylvania.

Before coming to NUWC in October, 1963 (then NUTS), he was Executive Officer of the USS Manley (DD 940). While aboard the Manley, he was at Guantanamo Bay, Cuba in October, 1962. During his tour, he was selected for Weapons Engineering duty and in September, 1963, was selected for promotion to Commander.

He attended the command and staff course at the Naval War College, Newport, Rhode



NAVY LEAGUE AWARD — Scroll of Honor is presented to Cdr. H. H. Schleuning, Jr., at a reception hosted by the Pasadena Council of the Navy League of the United States.

Presentation is made by Otto Hirt, Regional President. Award recognizes Cdr. Schleuning's outstanding record of achievements during 20 years of Naval Service.

Island and was assigned two years in OPNAV, Research and Development Division.

During the Korean conflict, he served three years on destroyers.

Awards and commendations include: Navy Commendation with V, Armed Forces Expeditionary, Navy Expeditionary, American Campaign, European Campaign, Asiatic Campaign with one star, Victory Medal (WW II), Navy Occupation, China Service, National Defense, Korean Service (7 stars), United Nations, Philippine Liberation, and Korean Presidential Unit Citation.

The Schleunings have four children—Patti Jo, Mari Jane, Susy Kay, and Henry Bruce. Patti Jo entered the University of Nebraska this fall and has been pledged by Delta Delta Delta Sorority.



COMMANDER CLAUDE J. TETRICK

San Diego Tidbits

Dr. Edward Little, NUWC-SD, presented a paper entitled "Sound Absorption by the Underside of Sea Ice" before members of the American Physical Society at that group's Seattle meeting August 31-September 2. He will also on October 5 discuss "The Impact of Modern Physics on the Philosophy of Life" at San Diego State College. The audience will be members of the Associated Men Students group.

Robert E. Boyce, NUWC-SD, has returned to San Diego State College for studies leading to an M.S. degree in Geology.

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

PROMOTIONAL OPPORTUNITIES

To apply for positions, contact Christine Marchand, Pasadena Personnel Department, Extension 278. A current resume must be submitted when applying.

Travel Clerk, GS-3, Command Administration Department, Administrative Services Division, 970 — Plan and make travel arrangements via Commercial carriers within the U.S.; assist in reviewing and completing travel orders and itineraries, and log and distribute travel checks. Typing consists of completing travel orders and associated forms.

Personnel Clerk (Typing), GS-3 or GS-4, Code P907, Duty Station: San Diego — Examine and process all types of personnel actions; process and orient new employees; maintain official personnel records for all employees assigned to San Diego NUWC group; and prepare statistical reports. Must be qualified typist. At GS-3 level, position will be filled by Clerk Typist.

Personnel Clerk (General) (Typing), GS-4 or GS-5, Code P907, Duty Station: San Diego — Provide clerical assistance in the areas of employment, placement, classification, qualifications examining, and non-competitive testing.

Personnel Management Specialist, GS-9 or GS-11 (Two vacancies: One GS-11 and one GS-9 or 11), Code P907, Duty Station: San Diego — Provides personnel management advice and assistance to an assigned segment of research and development organization. Duties include all aspects of personnel management.

Clerk Stenographer, GS-4, Office of the Commander, Public Affairs Office, 002 — Provides clerical assistance for the Public Affairs Office; maintains files and records and takes and transcribes dictation. Assists with visits, tours, and speakers bureau. Duty Station: San Diego.

Public Information Specialist, GS-11, Office of the Commander, Public Affairs Office, 002—Plans, develops and conducts a public information program for the San Diego activities of NUWC. Establishes and maintains working relationships with news media, community officials, technical personnel of the Center as well as Navy Department and other government agencies. Writes articles for publication. Directs activities covering community affairs, internal visits, exhibits and speakers bureau. Duty station: San Diego.

EDITORIAL

Fire Prevention Is Everyone's Business

EACH year we are asked to observe one specific week as National Fire Prevention Week in order to put particular emphasis on recognizing and eliminating fire hazards.

This year, National Fire Prevention Week has been designated Oct. 8-14. During that week civilian and military fire fighters throughout the country and at all our military installations will seek to enlist the active support of all whom they serve in controlling mankind's most fearsome enemy—fire.

In proclaiming this year's National Fire Prevention Week, President Johnson pointed out that more than twice as many



Americans were killed by fire in 1966 than on the battlefields of Vietnam. In addition to this needless loss of life, almost \$2 billion in property was destroyed by fire and smoke.

The threat of fire is constantly with us, whether in our place of duty, our home or in our community living. Fire prevention must, therefore, be a 365-day-a-year campaign in order to eliminate loss of life and property.

Unfortunately, most fires are caused by carelessness or hazardous conditions and can, therefore, be prevented. Accumulations of rags and papers; careless smoking; open paint and oil cans; matches left within reach of small children; and overloaded electric circuits have been singled out time after time as some of the common fire hazards.

Yet we either continue to ignore these and other potential fire dangers or delay correcting them until it is too late. President Johnson stated in his 1967 Fire Prevention Week proclamation that, "It is imperative that the United States undertake a massive program to perfect its knowledge of, and its protection against, the havoc of fire."

During Fire Prevention Week this year, do your part to rid your home, your office and your community of possible fire dangers and to keep fire in its proper place—as a friend of mankind rather than his enemy. (AFPS)

STATION LIBRARY LISTS NEW BOOKS

A complete list of new books is available in the library.

Fiction

Fish—The Hochmann Miniatures.

Jenkins—Hunter-Killer.

Norton—Sea Siege.

Stewart—Gabriel Hounds.

Vaughan—The Silver Saber.

Winton—H. M. S. Leviathan.

Fiction

Aiken—Beware of the Bouquet.

Bowen—A World Elsewhere.

Chaber—The Day It Rained Diamonds.

Gerson—The Swamp Fox, Francis Marion.

Hitchens—Postscript to Nightmare.

Rand—Run For the Trees.

Non-Fiction

Daniels—The Awful Handyman's Book.

Dos Passos—The Best Times.

Engelmann—Give Your Child A Superior Mind.

Fisher—The Science of Gems.

Irving—The Smoke Screen of Judgment.

Waterston—Pull Yourself Together.

Arco—Civil Service Arithmetic and Vocabulary.

Gregg—Gregg Shorthand Dictionary.

Hawes—The New American Guide to Colleges.

Loble—Delinquency Can Be Stopped.

McCuen—The Art of Counter-Revolutionary War.

McCully—Nobody Ever Tells You These Things About Food and Drink.

Mannix—A Sporting Chance.

'Synectics' Produces Inventions

(Continued from Page 1)

The group also favored using mornings for Synectics work and afternoons for individual study of the technical problems to be tackled at the sessions.

The Synectics experience is now under evaluation by Bob Klaus and Fred Ladda, employee development officers working with Personnel Department's Employee Development Division. Evaluation materials they will examine include written responses to the experience offered by each of the six volunteer participants.

"This system seems to be extremely worth while in terms of time and money invested, judging from industrial experience," says Klaus. "One invention may be very valuable in terms of money, so that

perhaps as much as a twenty-to-one efficiency ratio could be achieved for the investment."

Fred Ladda points out that the method will not meet everyone's need, nor is it a panacea for all technical problems, since many professionals are more creative in private than they could be with a group.

"Participants need not only a technical problem to work with," he says, "but also an outgoing personality suited to group interaction. A screening system for participants seems worthwhile, and is now being considered."

In view of the people working closely with this creativity - boosting system, the Naval Weapons Center offers an especially good opportunity to produce valuable results.

Couple Helps Boys With Ceramics

Jay Thayer, a Propulsion Development Department worker for over 11 years, and his wife, Helen, are two Valley residents who have raised an avocation to its highest use — the welfare of people in need of help.

It's been a year now since the Thayers, clay, glaze and brushes in hand, first traveled up into the mountains to Camp Owen, the well-known Kern County boys correctional forestry camp near Kernville, on the river. Since then, scores of boys between 14 and 18 years of age have learned to use skill, patience and imagination in the making of various ceramic items under the Thayers' guidance.

The Thayers' program, carried on almost every weekend at their own expense of cash and time, complements the full schedule of activities at Camp Owen. Ranging from agriculture to woodworking to auto repair, the camp experience is designed to focus the energies of wayward boys on productive use of their lives.

In this outreaching project, the Thayers are backed and supported by the members of the Desert Ceramic Club of 409 McIntire, China Lake. The Club donated a small kiln to the Camp's workshop and supply the Thayers with used and extra ceramic material, glaze and molds. Even so, the enthusiastic response of the boys has produced a need for more molds and materials — along with classes sometimes exceeding 20 at a time.

"When we first met the boys," Jay Thayer relates, "I could see some of them were sullen, some were withdrawn and some just hated society. What they most needed when they come there is constructive work and contact with the outside world."

The Thayers have been providing some of that contact, with noticeable results, and an occasional heartwarming achievement.

"I saw one of them do a 180-degree turn," Jay says. "At first, he figured we were just plain stupid for coming there,



WORKERS RELAX WITH TOOLS — Jay and Helen Thayer work with some pieces of finished and unfinished ("greenware") ceramic items in their Ridgecrest home. They take similar pieces of greenware to the boys of Camp Owen on weekends to work with them at their own favorite avocation.

and suspected we were being paid to do it. One day he casually questioned me at one side of the workshop, then drifted over to the other side and cross-questioned Helen. When he found out we were not being paid, his opinion was confirmed. After all, he knew nobody does anything for you for nothing."

Jay reports that John Hoogendam, County Deputy Probation Officer and weekend Camp superintendent, once remarked that he suspected a ceramics class ashtray was the first constructive thing this boy had done in his life.

"At first, the boys couldn't understand why we came up to Camp Owen, when we could have been sitting at home watching television," comments Helen Thayer.

But throughout the year following their first visit, one of the boys, scheduled to be sent home but who could not face living with his parents, asked to go home to Ridgecrest with the Thayers. (He later settled for his grandparents.)

As demanding as the Thayers' work with Camp Owen boys is, further activity almost completely fills the spare

corners of their days. Besides a calendar-full of club activities and meetings, Jay Thayer studies on weekday evenings on an engineering course at their home at 227 Holly Canyon Drive. Here, as well as at Camp Owen, the qualities that succeed with young "losers" reveal themselves.

According to a close friend of Jay and Helen Thayer, who has observed their progress over the past year, strength and kindness are their trump cards.

"Jay has quiet strength," observes the friend. "He thinks about the boys character and tries to help each one. He has the discipline to say 'Yes' or 'No' and make it stick."

"Helen is motherly," continues the friend. "She has the ability to love and encourage every boy at Camp Owen."

But dedication still needs material support, and the Thayers report continuing shortages of ceramic materials, glaze and molds. They note that a potter's wheel is also on the wanted list for Camp Owen. They hope to find these and other materials from people in Ridgecrest and China Lake anxious to lend a hand.

To Attend East's Transducer Talk

The Naval Weapons Center will be represented by Harold W. Rosenberg, head of Code 45's Transducer Metrology Laboratory, at the Fifth Transducer Workshop Tuesday and Wednesday, October 4 and 5, in Gaithersburg, Maryland.

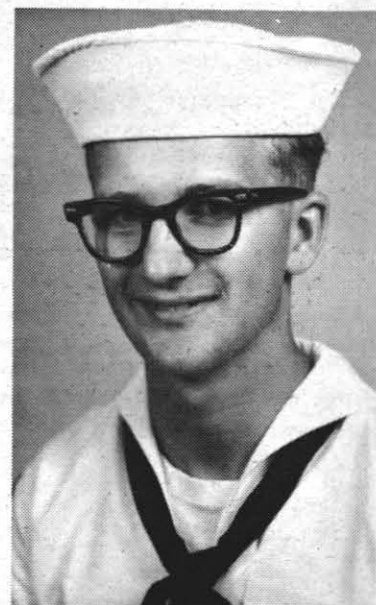
Rosenberg will present his paper on Interpretation of Data to the gathering Tuesday afternoon at the facilities of the National Bureau of Standards in Gaithersburg. The Workshop's mission, according to its general chairman Loyt L. Lathrop, is to review and highlight significant activities in the calibration, evaluation and application of transducers, and to introduce new developments in measurement by transducers.

Technical people from military and non - military government activities will join academic researchers in the two-day meet, sponsored by the National Bureau of Standards and the Telemetry Working Group of the Inter-Range Instrumentation Group.

Plane Captains of the Month



ADJAN WILLIAM G. SHANKS, of Terra Haute, Ind., has been chosen NAF's Plane Captain of the Month for September after eight months at China Lake. He came to the Navy in May, 1966, with a semester of junior college. He works with F-8s and A-4s on the job, and loves to fish the Baja California coasts for his recreation.



AN GREGORY A. EVENSON, a sailor since last October, has been chosen VX-5's Plane Captain of the Month for September. He works with the F-4 and A-4 aircraft, using a total of over 11 weeks of training at Lemoore and Miramar. He hails from Ferguson Falls, Minn., and arrived at China Lake for his first duty assignment last January.

CHAPLAIN'S MESSAGE

God Bless America ...He Already Did!

CHAPLAIN JUDE R. SENIEUR



Tourists from home and abroad are often impressed by the vast luxury and wealth of our great nation. It is incredible that extreme poverty in any area should still exist. But it does. That America has been blessed with abundance cannot be denied. But like all of God's blessings, none of this abundance is forced on man against his will or served on a silver tray.

Too often we forget that the natural wealth of America was fashioned into the land of the free because it was first the home of the brave. Our great nation was born of the courage, self-sacrifice, and the shoulder-to-shoulder cooperation of mature men and women. Too many of us view the magnificent of the Washington monument and forget that it was built to remind us of Valley Forge.

In origin the United States of America was a land of refuge for freedom loving people. It is true, these people brought with them some of the stains of bigotry and prejudice, but the common love of freedom and liberty soon united them for the most part in a brotherhood of purpose which enabled them to arise above their differences and present a united front against the tyranny of intruders.

This magnificent shoulder-to-shoulder brotherhood, born of sheer grit, gumption, and common sense, was a stunning example to a world so divided by the problems of pride and prejudice. The old world had little confidence in the novel ideals of the upstart colonies until the surrender of Cornwallis reminded the world that the new nation had the courage of its convictions.

Behind our Constitution and the Declaration of Independence was a spirited people dedicated and consecrated to the ideals of God-given rights to live and learn, to work and worship in the atmosphere of freedom and democracy. At any given moment they were ready to lock arms in courageous defense of their rights.

Today, when our ideals of freedom are being so severely attacked both from within and without, it might be wise to examine once again the qualities of that spirit of shoulder-to-shoulder brotherhood which enabled such a variety of men and women to rise above their differences and prejudices and establish themselves as a free and independent nation.

High Holy Day Services Planned At NWC, USO for Jewish Personnel

High Holy Day services for the China Lake Jewish congregation will begin Wednesday evening, October 4 to observe Rosh Hashanah Eve followed the next day by Rosh Hashanah Day.

On Friday evening, October 13, the Kol Nidre service will be held, a service in which Jews the world over ask release from any vows made during the year which they will not be able to keep.

The morning of October 14 is scheduled for services, followed by Yiskor, or memorial services later in the day. Closing services will be followed by a

meal breaking the sundown to sundown fast of Yom Kippur.

Services will be heard in the East Wing of the All Faith Chapel and will be conducted by Alan Corwin, student rabbi from Hebrew Union College in Los Angeles.

The special observance is the Day of Atonement. Traditionally, the NWC congregation breaks its fast together at a buffet served by the women of the congregation.

Last year, parents were able to register their children for Sabbath School, which began in October. The schedule has

(Continued on Page 5)

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.

Automotive Equipment Serviceman, JD No. 142-1, Code 707 — Services automotive equipment with gasoline, checks oil level, adds oil, checks radiators, cleans windshields, checks tires, and checks batteries. Lubricates automotive equipment and changes and patches tires and tubes.

Truck Driver (Heavy), JD No. 165-3, Code 708 — Drives straight-line trucks of over 22,000 pounds gross vehicle weight ratings up to and including gross vehicle weight ratings of 32,000 pounds, or heavy duty passenger buses, either of the "body on chassis" or "integral" type, with a carrying capacity of twenty-five passengers or more, or operates special purpose vehicles.

Chauffeur, JD No. 179-1 Am1, Code 707 — Drives automobiles, pickups and/or carry-alls to transport personnel and/or small items. Drivers are responsible for operational inspections of their vehicles and for making minor repairs as well as cleaning the vehicles.

Tree Trimmer, JD No. 100-1, Code 70441 — Cuts, prunes, and trims trees to remove excess wood and foliage, eliminate interference with power and/or communication lines, and protect nearby buildings and equipment.

File applications for above with Dora Childers, Bldg. 34, Rm. 32, Phone 71393.

Scientific Staff Assistant, GS-5 vacancy at the Office of the Dean of Research Administration, Naval Postgraduate School, Monterey, Calif. — Duties: Incumbent serves as executive and administrative assistant to the Dean of Research Administration. The requirements are a full four-year course of study in an accredited college or university leading to a bachelor's degree with major or study in a field of physical science, engineering, or mathematics. Applicants must meet the time-in-grade requirements of the Whitten Amendment. Applications will be accepted until October 31, 1967.

Send a Standard Form 57 to the Civilian Personnel Office, Naval Postgraduate School, Monterey, Calif., 93940. For further information, contact NPS Personnel Dept., Rm. 1, Clerk-Typist, GS-3, PD No. 718007.

Performs clerical typist duties for the Naval Underwater Warfare Center, China Lake, California. Includes typing technical notes and reports, correspondence, forms, statistics, and maintaining personnel records. Receives telephone and office calls; receives and distributes incoming mail; arranges for travel and maintains branch files.

Engineering Technician, GS-7, Code 4033 — This position is that of an Engineering Technician located in the Advanced Systems Branch, Air to Surface Weapons Division and is responsible for assisting in the operation, evaluation and maintenance of experimental aviation fuel gelling devices used on firebomb programs, and field test programs.

File applications for above with June Chipp, Bldg. 34, Rm. 26, Phone 72676.

Engineer, GS-12, Code 4503 — Program Management and Integration Group. Engineer with outstanding potential for program management desired to function as program manager for weapon system such as CHAFFROC, BOMARC.

File application for above with Jan Bixler, Bldg. 34, Rm. 24, Phone 72722.

Editorial Clerk (Typing) GS-5 or Editorial Assistant (Typing), GS-6, (1 Vacancy) — Interim position pending the vacating of PD No. 735032 position is located in Documentation & Visual Arts Branch, Aircraft Projects Division, Aviation Ordnance Department. Duties include: Non-technical editing, copyediting, and proofreading; long-term report compilation and editorial processing; layout and composition; and miscellaneous duties. Must be qualified typist and meet qualifications standards of X-118.

Clerk - Typist, GS-3, PD No. 718007, Code 18 — This position is located in the Education and Training Office at the Naval Air Facility. The duties include typing, filing, maintaining records and executing procedures related to advancement or change in rating of enlisted personnel, processing applications for correspondence courses and navy schools and answering the telephone.

Clerk-Typist, GS-3, PD No. 718008, Code 18 — The position is located in the Personnel Office at the Naval Air Facility. The duties include typing, preparing the Enlisted Personnel Diary, receiving and processing incoming personnel, initiating correspondence concerning enlisted medals and awards, and answering the telephone.

Clerk-Typist, GS-3, PD No. 718009, Code 18 — The position is located in the Operations Maintenance Division located at the Naval Air Facility. The duties include typing official correspondence, process and file correspondence; answering phone, and general clerical work.

Secretary (Dictating Machine Transcribing), GS-318-5, PD No. 435075, Code 3511 — This position is located in the Aviation Ordnance Department, Missile Development Branch A. The incumbent acts as the personal secretary to the Branch Head (Program Manager) and performs other administrative support to the Branch office.

File applications for above with Mary Morrison, Bldg. 34, Rm. 32, Phone 72032.

Business Manager, GS-11, Code 4036 — Position is located in the Biological/Chemical Weapons Branch, Code 4036. The purpose of the position is to supplement the technical proficiency of the Biological/Chemical Weapons scientists and engineering supervisory staff with a high level of competency in the field of administrative management. The incumbent participates in all as-

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'DESERT PHILOSOPHER'

Capturing Wild Horses

By "POP" LOFINCK



In view of the rodeo coming to Ridgecrest October 7, and 8, the following might be interesting. Some years back I had an interesting experience of witnessing the capture of some wild horses for rodeos. A man I knew who used to put on rodeos around the country, got a permit to capture some wild horses for his rodeos. It may seem easy to just go out and catch a wild horse — a good one — but it's not that simple. It takes know-how. Here's how he did it!

In the first place, it takes about five experienced cowboys to get a rope around the neck of a real good wild horse. When his group of cowboys got to the range area where the horses ran free, "spotters" would station themselves at points of vantage ringing the area. Through their binoculars, they would pick out of a herd a horse that appeared to be a good one for rodeo use. These cowboys become quite expert at things like that.

Then they would casually deploy around the herd and gradually close in on the horse they were after. The most expert cowboy would get his rope around the horses' neck, while two other cowboys would get their ropes around each of the front feet of the horse. Then came the tricky part — getting the horse aboard a truck for shipment. Of course the resistance was terrific — naturally the horse didn't want to be caught! The more ferocious the demonstration — the happier were the cowboys, because they knew it would be a good horse for rodeo riding and wild horse racing.

Now the truck backs up to the scene. The ramp is let down on the rear of the truck and the horse is walked up the ramp. A cowboy on one side pulls a front foot forward — the cowboy on the other side pulls the other foot forward so the horse is walking up the ramp, assisted by a harmless electric prod — that is, a cane loaded with flashlight batteries. A cowpoke touches the horses' rump with this prod — it's a feeling the horse had never experienced before so the horse goes up quickly, to get away from that prod. It's a circus!

About the words "cowpoke" and "cowpuncher." When range steers were loaded into the cattle cars at the rail head for shipment — some cowboys always rode in the caboose so they could check on the steers that would get down on the floor. So, at every train stop, the cowboys would walk the length of the train with a long stick to prod the steers back on their feet, so they wouldn't get trampled. Hence these cowboys became known as "cowpokes" or "cowpunchers."

I'd like to point out that about one wild horse out of ten is real good. Although wild horses are almost always tough, their poor feeding conditions in dry years tend to make them scrawny.

After the good ones are captured and are well fed in a corral they are tougher than ever and more independent.

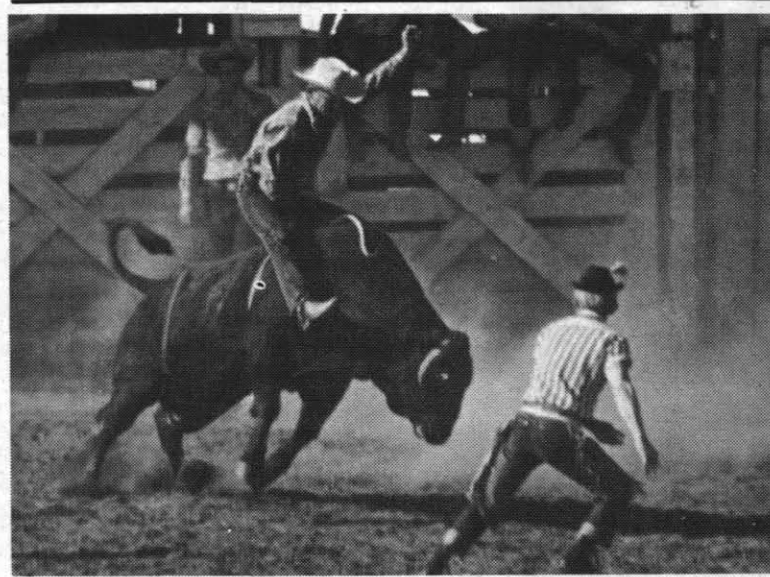
The rodeos even have cowboys to teach the wild horse how to buck more effectively. When the horse pulls a good trick the cowboy falls off on purpose. So the horse becomes educated in the bucking technique.

Desert Orchestra Rehearses Oct. 3

Desert Community Orchestra rehearsals, starting October 3, will be held on Tuesday nights at 7:30 p.m., in the Burroughs Band Room, according to Bill Ward, president of the Desert Community Orchestra Association.

Conductor Robert Cole, Hollywood, has been contracted to direct the orchestra for another season. The initial concert of the Fall season will be presented in the Center Theatre, Sunday, November 19.

The public is invited to play in this non-profit, civic symphony, Ward said. Adult musicians and students comprise the orchestra membership, which is augmented with professionals as needed for the concerts.



RIDE 'EM COWBOY — Action, such as this cowboy hanging on for dear life atop a rough-riding bull, is expected to take place at the Desert Empire Fair Rodeo, October 7 and 8. —Photo by Earle Kirkbride

THE LOCKER ROOM

The First Week

By ED RANCK



The China Lake Flag Football season began last week and even at this stage of the season, with only one game having been played, it appears that the NAF Hawks will once again be the team to beat. The Hawks defeated their arch-rivals, the tough VX-5 Vampires last week 13-0, in a game that was a bit closer than the final score might indicate.

The Vampires and Hawks hooked up in a scoreless duel for nearly three quarters before NAF broke it open in the final stages of the game. NAF crossed the goal twice within four minutes, but during the other 44 minutes it was an even contest.

Last year the Hawks had a bit of trouble in their opening game, scoring in the last 30 seconds to defeat the Vampires, 21-18. After that it was clear sailing as they won the remainder of their contests easily. This year it probably won't be quite as easy.

VALUABLE LESSON

The reason is that the NAF squad taught the other clubs a valuable lesson last year. NAF began preparing for last year's season with a month long conditioning program. Doing jumping-jacks and pushups night after night isn't the most enjoyable way to pass an evening, but for a football team that is interested in winning a few games, it is a necessary evil.

The fact that the Hawks had the ability to wear down their opponents in the second half was one of the big factors in their success last year. This season the NAF club could win greater balance and it probably won't be quite as easy for the Hawks to repeat.

NAF doesn't have too many of the members of last year's championship squad back in the fold this year. They lost quarterback Mike Mowry, who at times could be almost a one man offense, and quite a few outstanding linemen.

LARRY BROWN

One of the returnees however, is Larry Brown, who may possibly be the best broken field runner in the league and one of the finest halfbacks ever to play at China Lake. Larry is what commonly is referred to as an all-around athlete.

He has played basketball for Hawks and this summer, after a slow start, he became one of the best leadoff men in the China Lake Softball League and also a fine centerfielder. Brown seems to do one thing better than just about everybody, he runs. He has got the kind of speed that can cover a multitude of mistakes if necessary. He is a very hard runner and possesses the ability to pass accurately, if the situation arises.

One team that should give NAF quite a bit of an argument this year is the civilian club, alias the Crabs. The Crabs breezed by NWC in their opener last week, and showed signs of having an extremely explosive offense.

The passing combination of quarterback Tom Mather and end Gary Jacobs gives the club the best deep passing offense in the league. Halfback Jim Ayers is a breakout threat on the ground, and the defense appears to be more than adequate. The Crabs meet NAF next Thursday at 8 p.m. in what could be the first crucial game of the season.

WOMEN AND SPORTS?

One of the more successful athletic programs during the past year at China Lake has been the women's physical fitness program conducted by the Special Services Division. At one time there were over 75 ladies participating in the exercises at the local gym. Due to the heat, vacations and the other forms of recreation available in this area during the summer months at China Lake, the program was partially abandoned a few months ago.

Athletic Director Ray Gier announced this week that the program is being renewed in the near future and the evening exercise sessions will begin soon. The program involves calisthenics and trimming exercises, plus a period of free time in which such sports as volleyball, table tennis and basketball are played. Swimming lessons are an optional part of the program and are available to all who participate.

It is expected that the program will begin soon providing there are enough candidates. Those interested in joining the fun are requested to contact Gier at Ext. 71334.



AERIAL BURSTS SCORE HITS — The passing combination of Vampires' Tom Mather and Gary Jacobs was the big factor as the Crabs defeated NWC, 19-0. Mather hit Jacobs with scoring passes of 18 and 44 yds. to put the winners two touchdowns ahead on Schoeffel Field. —SP-Ed Ranck

Sixth Annual Golf Tournament To Start Oct. 7

The Sixth Annual China Lake Invitational Golf Tournament takes place on the China Lake course Saturday and Sunday, October 7-8. It's a 36-hole, "best ball partners" tourney played with a no-handicap restriction.

The two-day tourney is open to all golfers, member and non-member, and golf clubs within the local area, such as Ridgecrest, Inyokern and Indian Wells, etc. Golfers who have taken part in the invitational during past years are also invited to enter the competition.

A \$20 entry fee is required of golfers with the money being used for prizes, favors, luncheon, dinner and other awards and entertainment scheduled during the tourney. China Lake Golf Club members are urged to ask friends to enter the event.

Registration cards are available at the China Lake clubhouse. Additional details may be obtained by calling Ext. 72779.

Vampires Deflate Crabs in Grid Action Tuesday

The VX-5 Vampires scored a come from behind, 13-7 victory over the Crabs Tuesday night to move into contention in the China Lake Flag Football League. Trailing 7-6 with less than five minutes remaining in the game, the Vampires struck through the air, with quarterback Larry Schuetz hitting Gary Elwinger with a 20-yard scoring pass. The Crabs had taken the lead early in the game, scoring the first time they had the ball.

Tom Mather's 13-yard pitch to end Gary Jacobs put the Crabs ahead 7-0. The Vampires scored their first touchdown of the season early in the fourth quarter when Schuetz hit Jim Prophet from 13 yards out. VX-5 put the game away seven minutes later on Schuetz's toss to Elwinger. Jim Prophet went two yards for the extra point to close out the scoring.

The passing combination of Mather to Jacobs was the big factor as the Crabs defeated NWC, 19-0. Mather hit Jacobs with scoring passes of 18 and 44 yards to put the winners two touchdowns ahead in the first half.

Tennis Club Plans Grab-Bag Social- Doubles Tourney

The China Lake Tennis Club will hold a one-night "grab-bag-draw doubles social tournament" next Tuesday, October 3, starting at the courts behind the gymnasium at 7 p.m.

Men and women players names will be drawn from a hat to form the teams, says Cdr. F. W. Bustard, Club president. All players are welcome to join the tourney.

Tournament details will be posted at the courts, and further information is also available from Joan Bustard at Ext. 723314.



COMBO READY — Playing at the Youth Center dance tonight will be the "Depth of Time," made up of (l-r) rhythm guitarist Greg Stanley, drummer Kevin Armstrong, lead guitarist Rich Bablich and bass guitarist Dave Hinson. Organist Greg Turnbaugh is not shown. Dance is for Junior Student Union.

'Depth of Time' At Youth Dance

The China Lake Junior Student Union will sponsor a dance at the Youth Center tonight from 7 to 10, with the local combo, "The Depth of Time" providing the music.

The Student Union includes youngsters of the seventh and eighth grades. Dress for the dance will be school clothes. Membership applications for the Union are available at the Youth Center and cover all its activities.

The organization plans to enter a float in the Desert Empire Fair Parade next weekend. The float will be for Miss

Dance Instructor Teaches Motives To STWP Members

Arms and legs replaced pen and ink Tuesday night, September 26, for members of the Sierra - Panamint chapter of the Society of Technical Writers and Publishers.

In an audience participation program called "Communication Through Movement," held at the Commissioned Officers' Mess, the writers and editors were guided through a lesson in nonverbal communication by Joan Leipnik, China Lake dance instructor.

Mrs. Leipnik, who teaches a modern dance class each week at the Community Center and is active in the Community Light Opera and Theatre Association, directed the group through a sequence of movements dictated mostly by the imagination of the participants.

"Try to express yourselves without words," Mrs. Leipnik explained. "Leave everything to your imagination, then let your feelings be your guide."

Arranged in a circle, with half the group moving clockwise and the other half moving counterclockwise, the STWP members "greeted" each other — first visually, then verbally, then by touch, and finally by free movement.

Other experiences included the acts of walking, meeting and parting, mirroring the movements of another and improvised dancing.

The program was the first in a series on the theme, "The Art of Communication."

Ridgecrest - China Lake, and is sponsored by the China Lake Community Council.

No Student Union dance is planned this or next weekend for the Senior group, covering grades 9 and 12, as students head for the Burroughs - Santa Clara football game and dance tomorrow, and look ahead to the Fair next weekend.

The next Senior Student Union dance is scheduled for Saturday, October 14.

Pinkerton Posts High Game Score In Desert League

Dura Pinkerton posted high game for the week in the Men's Desert Handicap league last Thursday night rolling a 247. Jim Ball had high series with 590. In the Friday Night Mixed Foursome, Joe Schreiber led the way with a 236 while Don Zurn had a high series of 608. Carol Barker led the women with a 473 and Jenny Slates was second with 471.

Tom's Place opened up a two game lead in the Premier League while Foremost moved into a tie for second place. Bob Kochman rolled a 224 to pace the Premier action while George Bowles, Elmer Davis and Maury Coleman all hit 212. Bowles had high series for the night with 602.

Sara Lapinsky rolled a 204-476 and Mary Snyder had a 476 to lead the Thursday Women's Trio, and Donna Hitt paced the Wednesday Women's Handicap League with a series of 515.

In the Midway League, Alex Ribault was high with a 214-596 and Chuck Albright had high game with a 223 while rolling a 576 series. High games in the Women's Monday Scratch League included Dottie Duncan 221, Pat Maddox 214 and Pat Maxwell at 202. Duncan also posted high series with 542 while Maggie Branson was second with 505.

Premier League Standings		
	W	L
Tom's Place	7	2
Mercury Movers	5	4
Woodard Cosmetics	5	4
Foremost	5	4
Starlite	3	6
Boyd's Auto Parts	2	7

The Rocketeer

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News Stories — Tuesday, 4:30 p.m.
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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—(Chapel Annex, 95 King Ave.)—Sunday, 7:30 p.m.