

Bicycle Pilots Check List For Buzzin' Safely

1. Avoid busy streets whenever you can. Expressway riding is definitely out.
2. Keep your bicycle under control — no tricky steering, weaving or racing.
3. Stay on the right side of the street, close to the curb. Move with traffic and watch for parked cars turning out or car doors opening suddenly.
4. Travel in single file when riding with others. Follow a full bike's length behind.
5. Steer with both hands on the handle grips except to signal when turning, stopping or leaving the curb.
6. Ride alone, and no big bundles. Another person or a large package on your bike can block your vision and throw you off balance.
7. Come to a dead stop at all stop signs, yield signs and red or amber traffic lights.
8. Stop, look and listen before entering a street from a sidewalk, driveway or alley. Drivers may not see you.
9. Use your own power. Hitching onto moving vehicles is against the law and in case of sudden stops or swerves, off the bike you'd go.
10. Do your riding in the daytime. If you must ride at night, wear something white and turn on your lights.
11. Be ready to put on the brakes at intersections — no pedal pumping as you approach. Get off and walk your bike across busy streets, inside the white lines.
12. Let people on foot and other vehicles go first when they're about to cross in front of you.

Concert Group To Offer Tickets For 1966 Season

In an effort to sell out the Station Theatre for its series of five concerts this season, the China Lake Civic Concert Association is conducting a sales campaign which will continue until October 3.

Seats will be selected on October 3 by persons purchasing season tickets during this campaign in time for the first concert, the Fiesta Mexicana, on October 5.

Persons interested in information about the series may contact any of the following residents who are acting as salesmen for the campaign: Mrs. Wallace Allan, Mrs. C. J. Renne, R. J. Stirton, K. W. Heyhoe, Mrs. Roger Wickenden, "Bud" Sewell, Warren Stump, and Mrs. R. T. Merriam.

Pins Presented For Relief Service



DONATED HOURS NET AWARDS — The three ladies shown with Captain John I. Hardy, left, and Chaplain Paul Romantum, right, have totaled over 700 hours in Navy Relief work. Receiving the appropriate awards and pins from Capt. Hardy are (l-r) Lou Carr, 100 hours; Mary Clapp, 600 hours; and Joan Ellefsen, 100 hours.

Artist to Lecture, Demonstrate For Art League Meet

The Desert Art League will resume its meetings on Monday, September 26, at 8 p.m. at the Community Center. Courtney Miles of Barstow will be the featured speaker and will present a lecture-demonstration.

Mr. Miles' works have been exhibited throughout the United States and Europe. His interest in art dates back to when he was a boy and wanted to draw everything that he saw, especially animals. Out of this childhood hobby came eventually a career in art.

Having experimented with both oils and pastels, Mr. Miles combines the two in a single painting and employs the pastels for highlights or brilliant effects. He makes his own pastels and molds them into cubes which enables him to work with understanding and dexterity. He has been compared to Remington in his subject matter for his paintings.

Maxine Booty, president of the Desert Art League, will open the meeting at 8 p.m. with a few short announcements and the rest of the evening will be devoted to Mr. Miles' presentation. All persons interested in art are invited to attend.

Aetna Insurance Man Will Visit Station

Howard Keenan, a representative from Aetna Insurance is scheduled to be aboard the Station on Thursday and Friday of next week, September 29 and 30. He will be available for consultation at the Community Center from 9 a.m. to 4:30 on Thursday and 9 a.m. to 3 p.m. on Friday.

Red Cross Aides Will Be Trained

A 20-hour class leading to a certificate as a Red Cross Social Welfare Aide will be taught the first two weeks of October.

Social Welfare Aides assist military men and their families with communication, verifying the need for emergency leave, and the various other functions.

Wives wishing to serve one day a month should call Mrs. Frederick DeHam at Ext. 725-313, or Mrs. Robert Merriam at Ext. 725232, to register.

SHOWBOAT

FRIDAY SEPTEMBER 23
"HOW THE WEST WAS WON" (152 Min.)
James Stewart, Carroll Baker
7:30 p.m.

(Western Spectacle in Color) Many stories within a story are told as pioneers move to conquer the West and an average family is followed throughout a generation. Sensational thrills result from a railroad holdup and wreck, buffalo stampede, Indian raids, etc. A classic to be seen again and again! (Adults, Youth.)

SATURDAY SEPTEMBER 24
—MATINEE—
"MISTY" (92 Min.)
David Ladd
1:00 p.m.

Shorts: "Unsung Hero" (7 Min.)
"Capt. Kidd No. 5" (14 Min.)
—EVENING—
"THE CAT" (87 Min.)
Roger Perry, Peggy Ann Garner
7:30 p.m.

(Drama in Color) A small boy is endangered when he sees a modern-day cattle rustler commit a crime. The boy hides out in the hills with a tame, but unpredictable mountain lion as his family and the rustler seek him. An adventure. (Adults, Youth, Mature Children.)

Shorts: "The Violinist" (7 Min.)
"Clown Prince of Rastlin" (10 Min.)

SUNDAY-MONDAY SEPTEMBER 25-26
"CAST A GIANT SHADOW" (138 Min.)
Kirk Douglas, Senta Berger, Angie Dickinson, Frank Sinatra
7:30 p.m.

(Adventure in Color) An incredible story of Israel, and the American officer who overcame resentment and many obstacles to unify makeshift military factions that existed as the British forces withdrew in 1947. Action, drama, humor and a bit of romance make this an absorbing DON'T MISS film. Top cast. (Adults, Youth and Mature Children.)

TUESDAY-WEDNESDAY SEPTEMBER 27-28
"STAGCOACH" (114 Min.)
Ann Margaret, Red Buttons, Bing Crosby
7:30 p.m.

(Outdoor Drama in Color) An Army captain's wife, a dance hall girl, a liquor salesman, a battle-torn doctor, a marshall and a prisoner all ride the stage to Cheyenne. Their actions on the hectic trip culminate in a classic adventure of romance, humor and excitement galore. See Bing's most unusual role! (Adults, Youth.)

THURSDAY-FRIDAY SEPTEMBER 29-30
"AND NOW MIGUEL" (94 Min.)
Michael Ansara, Guy Stockwell
7:30 p.m.

(Outdoor Drama in Color) Interesting story of a 10-year old boy's impatience to join his father and brothers in caring for a huge flock of sheep. An adventure of the shepherd and his arch-enemy the wolf pack! It's different. (Adults, Youth, Children.)

Shorts: "Practical Yolk" (7 Min.)
"Great River" (9 Min.)

It's a tough world for the American businessman. Everytime he comes up with something new, the Russians invent it a week earlier and the Japanese make it cheaper.

Detective Cline Retires After 22 Years



ROBERT F. CLINE
POLICE OFFICER FOR 22 YEARS — Robert F. Cline, Supervisory Detective, will retire on Wednesday, September 28, after 22 years as a Police Officer at NOTS. Cline started at China Lake in November 1944 as a deputy sheriff. In 1945 he joined the newly formed NOTS Security Police. Cline will make his home in Ridgecrest with his wife Lova, at 1109 Franklin Drive.

Series E Savings Bonds in the \$25-to-\$200 range accounted for \$1,675 million in sales during the first six months of 1966 — six per cent above a year ago and the highest for the same period since 1946.

From _____

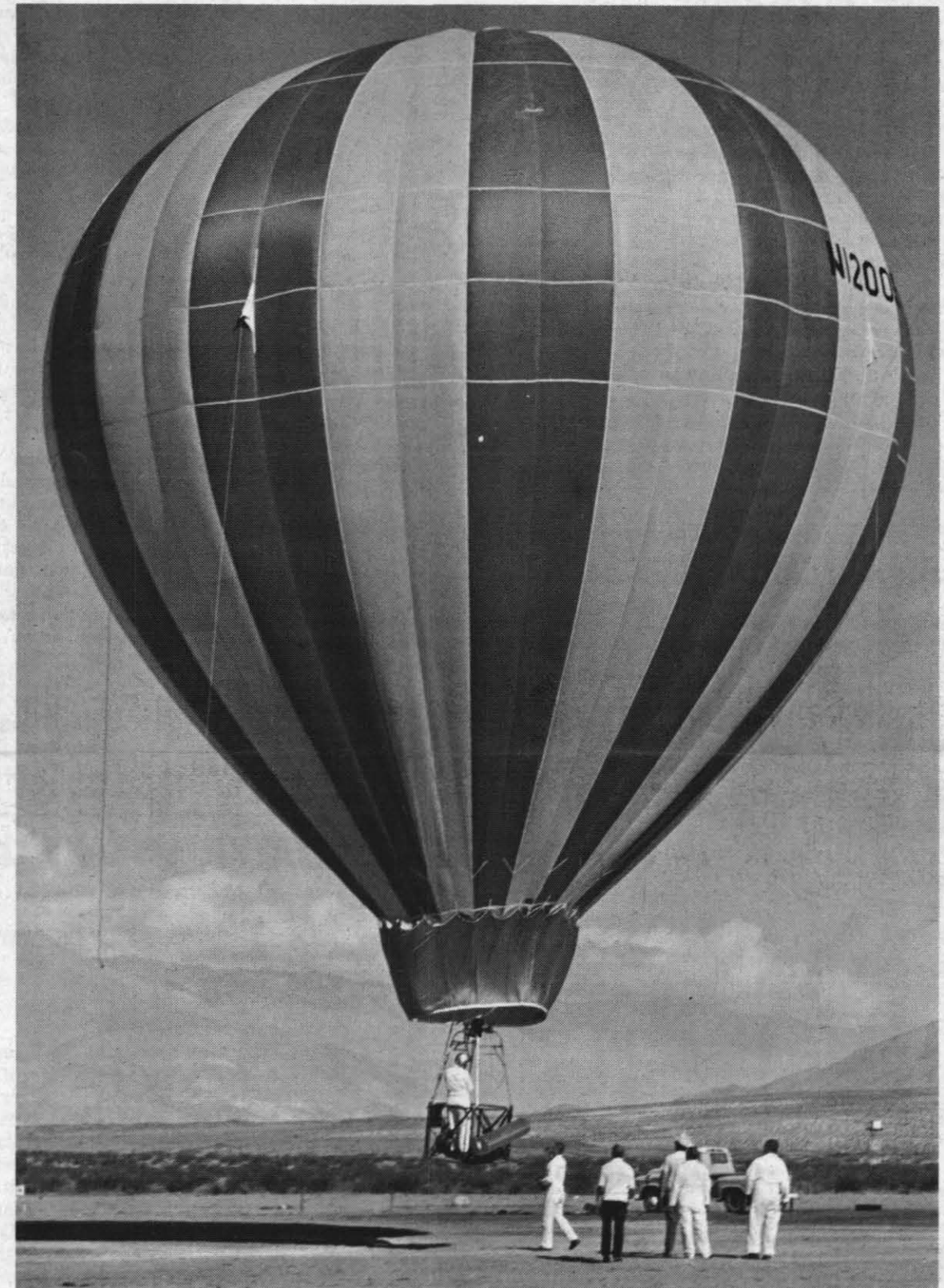
TO _____

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Vol. XXI, No. 38 Naval Ordnance Test Station, China Lake, California Fri., Sept. 23, 1966

TEMPERATURES		
	Max.	Min.
Sept. 16	97	49
Sept. 17	98	59
Sept. 18	90	67
Sept. 19	80	53
Sept. 20	91	53
Sept. 21	98	55
Sept. 22	100	59

Oldest Method of Flight Used In Tests of Future Equipment



THE FLIGHT BEGINS — The first of several flights of the day is about 15 seconds under way. The balloon is so safe that pilot Jimmie M. Craig and Briteye Project Engineer has no need for a parachute. On this particular test, Craig dropped the flare

from approximately 5,000 feet. He landed about three miles from the point of take-off. Other flights of the day required drops from higher altitudes. Note the Briteye flare container attached to the side of the gondola. —Photo by PH-1 David Hobbs

Hot Air Balloon Proves Its Worth As Test Vehicle

BY DAVID L. KIMSEY
New pages in aviation history are being written every day with little or no effect on the general public, and NOTS has contributed its share of these pages, but seldom with such amazing results as was seen this week.

To say that the ancient and the future could be combined to obtain desirable results would no doubt create serious questions in the minds of many. Yet, that is exactly what has been done.

Past and Future
Jimmie M. Craig of Code 4035, and Project Engineer on the Briteye Project, has adapted man's earliest method of flight, the balloon, to the yet un-developed Briteye, an aircraft flare. The results have been more than desirable.

One of the problems that faced the engineers of the Project was how to create a stable platform from which to drop the flare. A helicopter would not work because of the vibration and wind effect from the rotor blades. Besides, it was costly.

Naturally the airplane was ruled out because of its forward motion. It also required a special container for the flare which made this operation even more costly than the helicopter and still did not answer the questions.

Balloon Champion
At this point many would have been stumped, but not Craig, who is also the National Hot Air Balloon Champion. What could be more natural than for him to combine his favorite sport with his project? And what could be more pleasurable to any engineer than to have his idea prove successful at a cost of about one tenth of the other methods? Yet this is exactly the result that was obtained.

When fully inflated, the balloon measures 50 feet in diameter and 80 feet in length. It is powered by a propane burner that develops 3,000,000 BTU which is equivalent to 800 horsepower.

Craig, who has piloted the balloon over 50 miles non-stop and has taken it to an altitude of 20,000 feet, said, "The balloon has worked out surprisingly well in our project. It is as stable as anyone could ask and can reach an altitude of 25,000 feet if necessary."

Low Cost Operation
When fully inflated, the 62,000 cubic feet of hot air can stay aloft for nearly five hours with two people aboard at the (Continued on Page 3)



Ross Transfers To The Bay Area Naval Shipyard

Austin E. Ross, Head of the Employee - Management Relations Division, will end over 12 years of employment at NOTS today.

He transfers Monday to the San Francisco Bay Naval Shipyard, comprised of facilities at Mare Island and Hunters Point, where he will head the Employee - Management Relations Division. He will make his headquarters at Mare Island and travel to Hunters Point once a week.

"It is with reluctance I leave China Lake. I have made many friends here and it is an ideal place to live. My new job is a promotion but it is the challenge it presents that prompted my decision," Ross noted.

A farewell party this evening at the Officers Club from 6 to 8 p.m. will be held in Ross' honor. It will provide an opportunity for his many friends and fellow employees to bid him goodbye.

A graduate of the University of Redlands with a B.A. degree in Economics, Ross came to NOTS Personnel Department in June, 1952, as a GS-5 (Continued on Page 4)

Council Seeks Candidates For Nine Precincts

The Board of Directors of the Community Council is seeking candidates for the director vacancies which are to be filled during the November 8 General Election, Vice President Bernard Connolly has announced.

Vacancies exist in all precincts as well as in the at-large position. Precinct boundaries are indicated on the back of the Station telephone directory.

Community Council membership consists of all Station residents over the age of 18. The Board of Directors is the governing body of the Council, and it is composed of two directors from each of nine precincts, plus two directors-at-large. All members of the Council are eligible to be nominated for precinct director.

Persons interested in being nominated should contact one of the members of the nominating committee. They are Bernard Connolly, Dave Johanson, and Gene Rosellini.

CROSSWORD PUZZLE

Answer to Previous Puzzle

ACROSS
1-Boy attendants
6-Lance
11-Representative
12-Separated
14-City in Russia
15-Din
17-Symbol for gold
18-Worm
19-Mountain lakes
20-Peer Gynt's mother
21-Conjunction
22-Bristles
23-Narrow spinning
24-Scuffed
26-Profits
27-Young girl
28-Ache
29-Freshet
31-Amass
34-Shallow vessels of medicine
36-Three-toed sloth
37-Goal
38-Coarse hominy
39-Cloth measure
40-Army officer (abbr.)
41-Oid
42-Heraldic device
43-Deadly
45-Sprinter
47-Talk in long, drawn-out manner
48-Haste

DOWN
1-Individual
2-Matrons
3-Female (colloq.)
4-Latin conjunction





THANKS FOR THREE YEARS — Capt. Leon Grabowsky, NOTS Executive Officer for the past three years, receives a memento from Dr. W. B. McLean, Technical Director, on behalf of the Station. Capt. Grabowsky will report to Pearl Harbor for new duties on Nov. 1.

NOTS Exec. Officer Gets Duty In Hawaii

Capt. Leon Grabowsky, Executive Officer at NOTS for the last three years, has completed his tour of duty here, and will take up new duties as Commander, Service Squadron Five, at Pearl Harbor on Nov. 1.

The new Executive Officer, Capt. Robert Williamson II, reported aboard this week from his duties as Commander, Submarine Division 72. The submariner was graduated from Annapolis in 1946, and holds a B.S. degree in electrical engineering from the Navy's Postgraduate School, an M.S. in chemistry from Lehigh University and an M.A. in international affairs from George Washington University.

Capt. Williamson and his wife Shirley have three children, Robert III, 17; Dana, 15, and Bruce, 11.

Capt. Grabowsky left the Station with his family this week to make a visit to the family of his wife, Joanne, in Minnesota, and to his own parents in New Jersey, before journeying to San Francisco. There, he will sail to his new duty station in mid-October.

Adds To Family
He leaves NOTS with one more family member than he brought here with him in 1963. Jeanne Marie Grabowsky was born at China Lake on Sept. 19, 1964. His other children are Karl Lynn, 6; Lori Ann, 4, and Paul Leon, 3.

Capt. Grabowsky arrived here to be Exec. in late September, 1963, from command of the repair ship USS Hector, home ported at Long Beach. He began his career as an enlisted man serving from January 1936 through July 1937 on the USS Vega and light cruiser USS Cincinnati. He was graduated from the U.S. Naval Academy in February, 1941. He was one of the few enlisted men to be selected for the Naval Academy directly from sea duty.

The four-striper is a combat decorated officer whose awards include the Navy Cross, the Bronze Star, the Navy Commendation Ribbon (with Combat V) and area service awards for Pacific and Atlantic Ocean duty, including stars for seven major campaigns.

Capt. Grabowsky was assigned duties aboard the famous battleship USS Arizona after his graduation from Annapolis, and was serving on it when it was hit by enemy bombs during the Pearl Harbor attack. During WW II, he served on two destroyers, the USS Gillespie and Leutze, and commanded the latter during the closing years of the war. He also commanded the USS Porter for a brief period following the war.

He returned to Annapolis for the first year of postgraduate studies in 1946, completing the last two of the three-year course at the University of Pennsylvania in 1949 with an M.A. in electrical engineering. In 1957 he earned an MBA degree from the University of Maryland, in after-hours study while serving with the Naval Ordnance Laboratory at White Oak, Md.

The ordnance expert served with the staffs of CINCNELM and CINCEUR, and has had shipboard duty, since World War II, on the aircraft carriers USS Franklin D. Roosevelt, Oriskany and Ranger, and commanded the LSD USS Catamount and Repairship USS Hector.

His Commendation Medal marks a special point in his career, when he participated in patrol and resupply operations for the Nationalist Chinese offshore island of Quemoy during the Chinese Communist bombardments of 1958.

The sale will be held in Ridgcrest as well as on the campus and anyone interested in donating old books for this event are invited to contact Mark McLean at 71363 or Kris Bachinski at 375-4519 and they will be picked up.

The money made from this project will be used to finance some of the class activities.

Book Sale Is Set By School Class

A book sale is being planned by the Burroughs High School Sophomore class, and will get under way in about two weeks.

The sale will be held in Ridgcrest as well as on the campus and anyone interested in donating old books for this event are invited to contact Mark McLean at 71363 or Kris Bachinski at 375-4519 and they will be picked up.

The money made from this project will be used to finance some of the class activities.

Rory O'Connor Leaves Station To Study Film Editing at USC

Rory O'Connor, NOTS top projectionist, leaves the Station today to study motion picture editing at USC. For 12 years Michelson Lab's Dual Projection Room was his domain.

The Projection Room, which lies between Conference Rooms A and B on the first floor of the Lab, was designed by O'Connor and built under his direction by Public Works. Some 180 people in the two Conference Rooms, may view films projected by his unique arrangement.

As Irish as the leprechaun and as friendly as the little men of Ireland's folklore, O'Connor was known throughout the Station and by many visiting VIPs.

A TID employee, O'Connor came to Indian Wells Valley in the fall of 1950. He first worked as a projectionist at the Ridge Theater in Ridgcrest. In April, 1951, he accepted a position as a clerk with the China Lake Post Office. He retained this job for three years.

Early TID Employee
In April, 1954, his status as a naturalized citizen allowed him to accept a Civil Service appointment with TID as a projectionist. He believes he was about the second employee to be hired by the newly formed Technical Information Department.

Born in Ireland, O'Connor received his preparatory schooling in Dublin and Belfast where his scholastic marks earned him a six-year scholarship to the Irish College in Salamanca, Spain.

Awarded a B.A. degree in the Classics in 1936 by the Spanish University, he was repatriated to France at the inception of Spain's Civil War. The remaining two years of his scholarship were utilized in the study of philosophy in Paris.

Following 1938, he taught Latin, English, and history in



RORY O'CONNOR

Irish high schools for 10 years. His interest in the theater led into membership with the British Film Institute where he learned film projection.

"I decided to come to America while in Spain," O'Connor recalls, "but it was not until February, 1948, that emigration quotas allowed me to come."

Rockhound Meet Set For Monday

A rockhound meeting will be held Monday, September 26, at 7:30 p.m. in the Langley and Rowe Street Hut.

There will be a short business meeting to discuss the November Gem and Mineral Show, followed by a refreshment break and drawing for door prizes.

Ronald Watts, a native of Utah, will show slides and give a talk on the gem fields and old Indian camps in Utah. Watts, a Navy man, is currently stationed at China Lake.

There is an open invitation to the public to attend.

Ross Transfers To The Bay Area

(Continued from Page 1)

placement assistant. He successively held positions of employee relations assistant, position classifier, and personnel management specialist (generalist) supervisor.

He became Head of the Employee - Management Relations Division in April, 1959. In this capacity, he won accolades from both management and employee union groups for his knowledge of regulations pertaining to labor contract negotiations.

Chief Negotiator
He was the Station's chief negotiator for the Indian Wells Metal Trades Council's original and renewal contracts, the Firefighter's original and renewal contracts, and of the just completed contract for the Police Division.

Recipient of numerous incentive awards, Ross takes the most pride in the letters of commendation he received from two previous Station Commanders. One for the inauguration of the Federal Employees Health Benefits Program at NOTS and the second for defining the organization and key positions in the transfer of NOTS personnel to a new Navy Nuclear Ordnance Unit at Albuquerque, N.M., in 1958.

Community Minded

In spite of the demands of his job, he still found time to serve as executive secretary of the China Lake Community Council, teach a course in Supervisor and Executive Development and an Industrial Orientation Course for apprentices, and serve on the City of Ridgcrest's Personnel Board.

His wife, BeVanne, a former TID employee and presently employed by Genge Industries, and their two children, Steve, 17, a senior at Burroughs High School, and Bruce, 5, will remain here until school is out in June.

Farewell After 23 Years



CHIEF JORDAN RETIRES AFTER 23 YEARS — AQC Joseph A. Jordan listens to a letter of appreciation read by Cdr. W. L. Reardon, Jr., NAF Executive Officer, during his retirement ceremony last Friday. Jordan, who has completed 23 years of service will make his home here.



SERVICE AWARDS PRESENTED — Police Officer Sol Sherman, right, and Fireman Bernard C. Kinkennon, center, were presented 20 year service pins recently by Lt. Samuel R. McMullen, NOTS Security Officer. Kinkennon's was a NOTS award and Sherman's was Federal.

GEBA Assessment 116 and 44 are Now Due For Fullwood Death

Members of the Government Employees Benefit Association and the China Lake Mutual Aid Society are reminded that assessments Number 116 and 44 are now due.

Assessments have been levied due to the death of George I. Fullwood, a retired employee of Michelson Lab. Machine Shop, who died in the Ridgcrest Hospital, September 15.

mailed to Joseph M. Becker, Secretary-Treasurer, 77-B Renshaw, China Lake.

Ice House Tickets

China Lake Ice House tickets are still available to Lakers, now at check-out counters in Von's Market, according to William E. Davis, head of the NOTS Employee Service Board.

He said the Board and Von's have agreed to continue making the tickets available at no change in cost. Shoppers can pick up their ice at the Ice House at Blandy and Argus between 6 a.m. and 10 p.m., seven days a week.

Picnic Scheduled At Inyokern Park For Engineering

The Electromechanical Division of the Engineering Department is planning to get an early start of their fall festivities with an old-fashioned Indian Summer picnic at the Inyokern Park on Saturday, October 1. The fun will start about 1 p.m.

Games are planned for the entire family and arrangements have been made for a Dixieland band. Refreshments will be provided for the young and old alike, and a door prize will be given away.

A record player will be made available for the use of the youngsters who bring along their own records.

For information regarding tickets, contact your branch secretary.

Special Classes Set By College

The San Fernando Valley State College will offer the following extension classes for interested persons in the area.

Remedial Reading Diagnosis Ed. X 438, 3 units. The prerequisites are: Experience as a teacher, principal or supervisor in an elementary school. The first meeting of the class will be on Friday, September 30 at 6 p.m. at the Desert Park School.

The Ancient World. Hist. X 310, 3 units. The growth of civilization from its beginning in the Near East to the fall of the Roman Empire. The first meeting of the class will be Monday, September 26 at 4:30 p.m. at the Desert Park School. The cost for each of the above classes is \$45.

In addition to the above, a class in Teaching Science in the Elementary School will be offered in Mojave starting at 9 a.m. on September 30. Additional information may be obtained by calling the office of Mrs. Wanda Shomate at the China Lake Schools, 375-8426.

Chief Garcia Takes Oath



SHIPS OVER FOR FOUR — Chief Charles R. Garcia, 34, is congratulated by LCdr. Fredrick H. Elliott, Commanding Officer, NOTS Enlisted Personnel, on his reenlistment for four more years. This completes a total of 19 years and 6 months of service. Chief Garcia, from New York, is married and has two sons and a daughter.

Greenwood Ships Over



GREENWOOD TAKES FOUR — SFP2 Harvey R. Greenwood of Weldon, Colorado, is congratulated by LCdr. Fredrick H. Elliott, Commanding Officer, NOTS Enlisted Personnel, on his four year re-enlistment. Greenwood, a 12-year Navy veteran, is making the Navy his career.

Sisters Conclude Training Session



SISTERS FINISH COURSE — Two Franciscan Sisters of the Atonement concluded their two week methods course September 17. Parishioners of St. Ann's Ridgcrest, and St. Madeleine's, Trona, joined the Confraternity of Christian Doctrine teachers at NOTS for these classes. The course was given in the morning for the elementary teachers by Sister Isabella, and in the evening for the high school teachers by Sister Mary Victoria. In our area, the Catholic religious instruction is given by lay teachers.

In order to do their jobs well, they are instructed in such things as classroom procedure, child psychology, lesson planning, etc. The Doctrinal course, the second phase of preparing CCD teachers, will be held at St. Ann's School in Ridgcrest, Tuesday evening at 7:30 p.m. starting October 4, and continue 15 weeks. In the photo, from left to right are: Mrs. Agnes Winter, Sister Mary Victoria, Mrs. Charlotte Sieckowski, Father Paul Toland and Sister Isabella. —Photo by PH-3 Jerry Willey

Handwritten notes: 128, 3, 384, 32, 12, 64, 32, 384



SUGGESTION PEOPLE VISIT — Men and women of the Southern California Chapter of the National Association of Suggestion Systems, representing business and government, visited NOTS on their annual fall field trip last week. On their two day visit, Friday and Saturday, they toured the Station and conferred with NOTS personnel people. The

organizations represented were North American Aviation, Northrop, Douglas Aircraft Co., McCulloch, Auto Club of Southern California, Atlantic Savings and Loan Assn., United Air Lines, AiResearch Mfg. Co., Los Angeles Dept. of Water and Power, Long Beach Naval Shipyard and U.S. Naval Station at Long Beach, and the City of Pasadena.

NOTS Pasadena

VIRGINIA E. LIBBY — EXT. 638

Beneficial Suggestion Bonanza in Supply Office



EVELYN ECKARD, P2581, was rewarded \$25 for suggesting use of the Polaroid camera to aid in planning for shipment of unusual items. Erle Odekirk and Leon "Tony" Neal, both in P2582 (l-r) shared the grand sum of \$300 for researching and ultimately acquiring a color coating machine.

Through the use of such a machine it is no longer necessary to carry vast amounts of wiring in various colors. Only one color in different gauges need be stocked. Cdr. H. F. Burns, Associate Director of Supply, made the presentations during the ceremonies held in the Supply Office.



ELLEN N. NAGY, P25621 (center) was rewarded \$35 for her revision of a posting form for accounting data. Virginia Bannister, Head, Contract Administration Branch, smiles her approval as Cdr. H. F. Burns presents Ellen with check.



JOSEPH J. BARBERINE, P25841 (l) receives congratulations and a \$75 check from Vernon Hayes, Supply Division Head, for his "Benny Sugg" of a "Pipe Conduit Storage Rack."

Bowling Teams Are All Tied Up

By RAY HANSON

Ever hear of a fourteen-team bowling league with five teams tied for first, four teams deadlocked in second, and five teams knotted up for third? Yep. The NOTS winter bowling league is underway. Team No. 13, consisting of Yvonne Benson, G. Bronson, George Jackson, Don Holyoke, and Lloyd Hagnas lead the formal standings on the basis of their 2,822 total pins accumulated the first night. They are followed by the Wild Five, Team No. 4, the Low Bowls, and the Hunees. Here we go again.

High scores for the first week are as follows: team series, Team No. 13, 2822; team game, Team No. 4, 1019; men's series, Dan Moore, 592; men's game, Phil Foster, 245; women's series, Ruth Neff, 558; women's game, Eleanor Lumpp, 210.

Welcome Aboard

New Employees

Administration — George R. Ziegler, Guard Supply — Duralee J. Spicer, Clerk Typist. Public Works — David L. Hansen Cable Splicer; Joseph P. O'Sullivan, and Virgil M. Geritsen, Riggers. TID — Martin P. Roth, Motion Picture Production Specialist. UOD — Dr. Francis J. Marshall, Research Mechanical Engineer.

More than 800,000 Federal Government employees have signed up this year for the purchase of U.S. Savings Bonds through the Payroll Savings Plan.

Capt. George F. Bond Presents Technical Lecture at Pasadena

Captain George F. Bond, MC, USN, principal investigator of the Sealab II "Man in the Sea" program, presented a technical lecture on "Physiology of High Pressure Diving," at NOTS Pasadena last week.

On the last leg of a 29-day tour, Capt. Bond arrived here directly from Monaco where he had been working with famed undersea French explorer Jacques Cousteau.

Discussing the comparatively new two frontiers — inner space and outer space — it was pointed out that although we are more aware of the progress of outer space, there is urgent need, in view of the worldwide population explosion, to explore and exploit the sea for the protein, petroleum, mineral, and possible antibiotics it will yield.

An outstanding authority on the ability of the human body to withstand and live in the depths of the sea, Capt. Bond is the oldest qualified diver in the U.S. Navy.

"Man in the Sea" program began with Sealab I where four men lived for 11 days at a depth of 193 feet off Bermuda in the summer of 1964. Sealab II remained 205 feet below the surface for 45 days off the coast of La Jolla, California during August, 1965, during which time three teams of 10 men each occupied the under-



CAPT. GEORGE F. BOND

sea habitat on a rotational basis.

Capt. Bond anticipates Sealab III will remain at a 400-450-foot depth off San Clemente Island, with divers working to 600-foot depths. Sealab III present plans include four teams submerged for a total of 60 days. The teams, consisting of eight men each, will work on a two-week rotational basis.

Rear Adm. Frank A. Brandley, Commandant, Eleventh Naval District, recently presented a third gold star in lieu of a third Legion of Merit to Capt. Bond for his work in Sealab II.



C. G. BEATTY Torpedo Development Division Head (l) explains the actuator and fin assembly of a MK 46 Torpedo to visitors (l-r) C. S. Sandler, Chief Engineer, Technical Group, ASW, E. S. Lesinski, a Project Engineer on the MK 46 Torpedo project, ASW; and M. C. Hansen, Deputy Director, Weapons and Launcher Office, ASW.

PROMOTIONAL OPPORTUNITIES

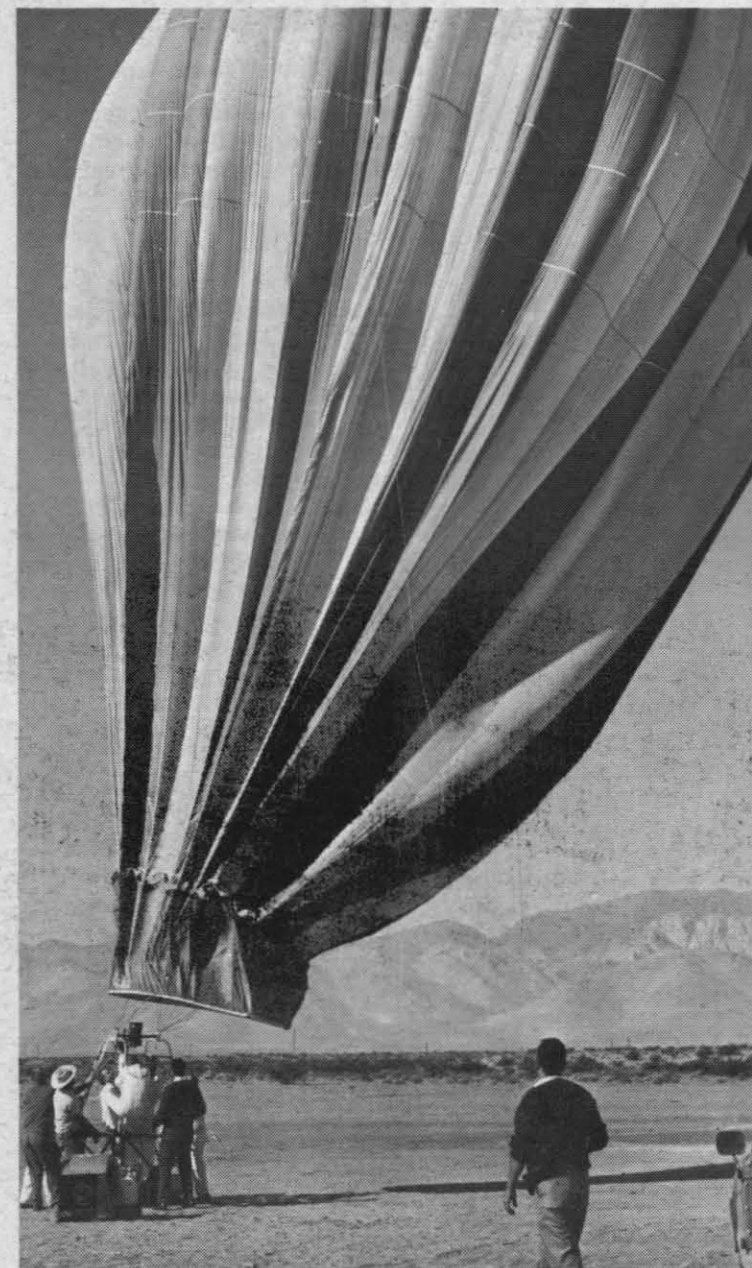
To apply for vacancies, contact Christine Marchand, Pasadena Personnel Division, Extension 241. A current SF-58 must be submitted when applying.

Engineer or Mathematician, GS-11, Code P8043 — Analysis and hybrid computer implementation of scientific problems including real-time weapon simulation models. Design of computer programs for analysis of experimental acoustic data. Bachelor's degree in engineering, mathematics or its equivalent required. Minimum of three years professional experience including analysis and programming of digital computer systems required.

Motion Picture Projectionist, WB-5; Hourly Salary Range: \$2.74 to \$2.95, Code P7525 —

Responsible for routine maintenance, loan and operation of audio-visual (A.V.) equipment. Receives requests, ascertains needs, and schedules appropriate conference facility. Handles requests for prints from the motion picture library, inspecting and repairing films as required. Occasionally assists the public affairs office in preparing for and handling the A.V. needs of special programs for Station visitors, and generally assists Station employees in developing and presenting effective A.V. programs.

Hot Air Balloon Proves Its Worth



PARTIALLY INFLATED — This is the way the balloon looks when about half inflated. Even at this point it takes several people to keep it on the ground. In about five minutes it will be ready for take-off.

(Continued from Page 1) surprisingly low cost of about \$1.75 per hour. A light, two-place civilian plane cannot be operated at a cost this low, nor can it be operated as safely.

Balloon flight is probably the most simple and safe method of "flying" in existence. The simplicity is obvious. When hot air is forced into the balloon, it goes up. When it is released, it comes down.

It has a "climb rate" of approximately 500 feet per minute, which is not bad at all. What may be surprising, at least to the non-flier, is the rate of descent. If for some reason all of the hot air escaped at once, the balloon would not fall any faster than a man hanging from a standard parachute.

The basic law of what goes up must come down, at least within our own atmosphere, definitely applies. But where it comes down is something else again. The skill of a balloon pilot might best be described as the opposite to the skill of a sailplane pilot.

A sailplane pilot must rely on up-drafts to stay aloft, but has no problem with direction. The balloon pilot has no problem staying aloft, but must rely on air currents for direction. He has no other method of steering his ship. It is easy to see that this requires a great deal of skill and knowledge.

In the case of the Briteye Project, the tough, acrylic coated, rip-stop nylon balloon, combining its simplicity of flight with low cost operation, is definitely proving its worth.



MAKING THE FINAL CHECKS — Last minute equipment checks are made just prior to the flight. From left to right are Vern Burkland, Branch Head, Ward Rentz, Hal Dauer, Bob Willard, Bill Shephard, Dick Zinke and an unidentified contractor from Fairchild Hiller. Pilot Jimmie Craig is in the gondola. —Photo by PH-1 David Hobbs

Services Begin 'Pop' Lofinck Marks 76 Long Years

Services for Yom Kippur to begin for the China Lake Jewish congregation this evening at 8 with the Kol Nidre service, in which Jews the world over ask release from any vows made during the year which they will not be able to keep, according to Mrs. Ruth Schuyler, president of the congregation.

Tomorrow morning at 10 is scheduled for services, followed by Yiskor, or memorial, services at 2:30 p.m. At 5:30, closing services will be followed by a meal breaking the sundown to sundown fast of Yom Kippur.

Services will be held in the East Wing of the All Faith Chapel, and will be conducted by Melvin Silverman, student rabbi from East Los Angeles.

This special observance, says Mrs. Schuyler, is the Day of Atonement. Traditionally, the NOTS congregation breaks its fast together at a buffet served by the women of the congregation.

Following the meal, parents will register their children for Sabbath School, to begin October 8. The school is to be held from 10 a.m. to 12 noon in the East Wing.

The only golden press card ever heard of in these parts was issued to the Desert Philosopher of China Lake, Sewell "Pop" Lofinck, on his 76th birthday celebration in the dusty halls of the Rocketeer last Friday, Sept. 23.

"J" "T" Bibby, Public Affairs Officer at NOTS, presented Pop with the laminated card, ordinary in all respects, except its gold color, after more than a dozen friends surprised him with the celebration as he walked into his office.

Golden Press Card The golden press card was issued to him "for life," which he said he aimed to stretch to 100 years.

Pop is due for yet more honors, it was learned this week, as the Navy Department Branch of the Armed Forces Writers League announced its list of winners of the coveted Silver Anchor Award for 1966.

This Silver Anchor in the editorial-columnist category, gleaned from all Navy publications, will be Pop's second since he came to work for the Rocketeer in 1962. He received his first in October, 1965.

An Institution Pop has been an institution at NOTS since 1944, when he came here as a material inspector at the Pilot Plant. He soon became a range officer, and set up his headquarters at the isolated Junction Ranch. For 15 years he patrolled the Station's outlying ranges, al-



PHILOSOPHER'S CARD — "Pop" Lofinck, China Lake's Desert Philosopher, receives a golden press card, effective for the lifetime of the bearer, from "J" "T" Bibby, NOTS Public Affairs Officer. He was presented the card during his 76th birthday celebration Sept. 16.

ways accumulating additional and information which he now draws on for his weekly Rocketeer column.

Sewell Lofinck was born 76 years ago Monday in Manhattan, Kansas, to Ella Katherine and Rueben Edward Lofinck. He embarked on his first adventure at the age of 12, when he climbed Pike's Peak on foot. He became self-supporting at 14, and later embarked

Satellite Connects China Sea Fleet, Hawaii Commands

Satellite communications have gone to sea, linking the 7th Fleet in the South China Sea, via the USS Annapolis and the SYNCOM III, to the Pacific Fleet Commander and higher commands in Honolulu.

The first messages from the Annapolis, Navy's first major communication ship, flashed almost 50,000 miles into space in mid-August to hit SYNCOM III, located 22,500 miles above the Equator near the Gilbert Islands. SYNCOM then relayed them to Fleet Headquarters at Honolulu.

Navy hailed the event as making communications history by inaugurating "the first permanent shipboard operational link between the operating force afloat and a communication station ashore."

Nurses Club Meet Set For Monday

The Indian Wells Valley Nurses Club will meet on Monday, September 26 at 7:30 p.m. at the Drummond Medical Clinic.

The speaker will be Dr. Harvey Gard of the Ridgcrest Community Hospital staff and his topic will be Obstetric and Gynecologic Emergencies. All nurses in the valley are invited to attend.

