



WINS \$100 BENNY SUGG — Fireman William A. Lewis is presented a \$100 check by LCdr. Robert C. Clasen for his Beneficial Suggestion of a valve socket wrench set to turn on-and-off gas and water manis. Socket set reduces need to carry many individual valve wrenches on fire trucks.

Community News

PHOTOGRAPHIC SOCIETY MEETS WEDNESDAY

The China Lake Photographic Society will meet Wednesday, July 15, at 8 p.m. in the Photo Hut, 361 McIntyre St. Featured will be a color movie about Ireland, Africa, Brazil and Australia, and an International PSA traveling stereosalon will be shown by Ted Bergman.

EAGLES TO HOLD CHARTER MEETING MONDAY NIGHT

A charter meeting of the Fraternal Order of Eagles is to be held next Monday evening at the Moose Hall in Ridgecrest at 7:30 p.m. Information concerning the meeting may be obtained by calling Bob Waters, FR 8-6386.

DANCE SLATED FOR EM CLUB TONIGHT

The Ramblers, most versatile of local bands, will be appearing at the recently renovated Enlisted Mens Club tonight from 9 p.m. to 1 a.m. In addition, there will be special steaks and french fries served at the snack bar.

Vague About Credit Unions? Here Are Important Facts

Despite the recent rapid growth of credit unions, most people still have only vague ideas about what they are. Ken Martin, manager of the NOTS Employees Federal Credit Union, commented this week.

He then went on to outline the following facts about credit unions for the benefit of NOTS employees:

Low Cost, High Dividends
Credit unions are, in effect, the pooled savings of friends, co-workers or associates. These funds are lent to other members of the same group. Credit unions have been formed by many types of groups — in offices, plants, churches, in farm communities, and even in banks.

The main advantages of joining credit unions are that they furnish low cost loans and they pay comparatively high dividends on savings. Also, they are convenient.

Because they are not required to pay income tax and have volunteer non-paid officers, their operating costs are lower than those of other savings institutions.

The local Credit Union is operated by a volunteer seven-member Board of Directors elected by the Credit Union members. The Board is comprised of Henry Wair, president, Bill Koontz, Bob Holloway, Capt. B. L. McCreery, Dick Hitt, Cdr. Hal Byrd, and Evelyn See.

In addition, five volunteer workers comprise the Credit Committee. They are Bob McClary, Ray Becker, Gy/Sgt. John

Coryell, USMC, Earl Smiley, and Jim Heddell.

Credit Unions, such as NOTS, can apply most of their income to dividends on savings, or put into reserves or returned to borrowers as an interest rebate.

Paid 5.4 Per Cent

Gross income last year for the local organization was \$313,593. Shareholders realized a return of \$179,405 which average out to a 5.4 per cent dividend.

About half of the credit unions established are chartered under Federal Law, and are supervised by the Bureau of Federal Credit Unions. Credit unions are required to have some form of bonding.

The local organization is bonded to cover assets for embezzlement or loss by burglary or disappearance. All eligible loans up to \$10,000 are insured against the death of the borrower.

Credit unions have a good loan-payment record. Their bad loan loss is only two-tenths of one per cent.

Membership Fundamental Membership participation is a fundamental part of the credit union way. Martin pointed out. We urged our members to use their Credit Union to meet all their needs for consumer credit.

June 30th audited assets of the NOTS Employees Federal Credit Union were \$4,572,176.56, a growth of over \$3 million in the past ten years.

SHOWBOAT

FRIDAY JULY 10

"KISSIN' COUSINS" (97 Min.)
Elvis Presley, Arthur O'Connell
7 p.m.

(Musical Comedy in Color) Pappy won't lease his mountain for a U.S. Missile site so Lt. Elvis is assigned to persuade him. The Army moves in and so do the man-starved Kittyhawk girls. Dogpatch swings. (Adults, Youth and Children.)
Short: "Salt Water Tabby" (7 Min.)

SATURDAY JULY 11

MATINEE

"BEAUTY AND THE BEAST" (77 Min.)
Mark Damon
1 p.m.

Shorts: "Hare Splitter" (7 Min.)
"Jungle Drums No. 10" (13 Min.)

EVENING

"BARABBAS" (132 Min.)
Anthony Quinn, Silvano Mangano
7 p.m.

(Adventure in Color) Spectacular Biblical story of the thief who was freed instead of Christ, of his return to crime and how he miraculously thrived in the sulphur mines. An epic of action. (Adults and Mature Youth.)

SUNDAY-MONDAY JULY 12-13

"TIARA TAHITI" (98 Min.)
James Mason, John Mills
7 p.m.

(Drama in Color) The ghost of a war-time court marshal appears when two men meet in beautiful Tahiti after many years. Mason is a likeable, conniving scoundrel who evens the score. (Adult.)
Short: "Whiz Quiz Kid" (7 Min.)

TUESDAY-WEDNESDAY JULY 14-15

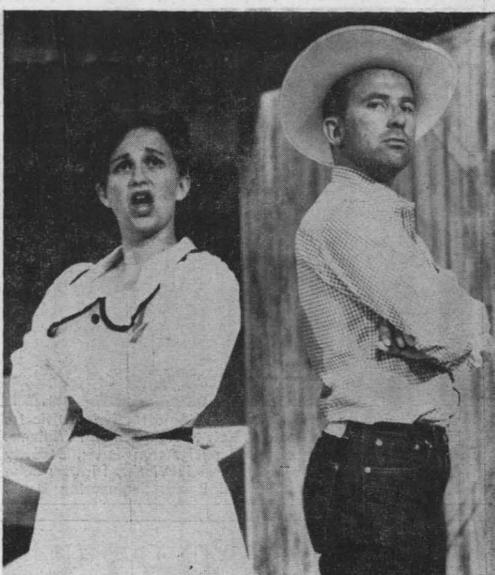
"DR. STRANGELOVE" (93 Min.)
Peter Sellers, Sterling Hayden
7 p.m.

(Comedy-Drama) Controversial, odd-ball satire of the effects created when an air wing is put on red alert and starts an atomic attack which will lead to total earth destruction. A horrendous theme done in comedy style. Decidedly different! (Adult.)
Short: "Magoo's Moosehunt" (7 Min.)

THURSDAY-FRIDAY JULY 16-17

"BRIDGE ON THE RIVER KWAI" (161 Min.)
Wm. Holden, Alec Guinness
7 p.m.

(Drama in Color) Multiple Academy award winner (1957) tells of a group of prisoners-of-war and their challenge to a stern Japanese prison commander who forces them to build a railroad bridge. One of the finest films ever made! Don't miss. (Adults, Youth and Mature Children.)



FLORENCE GREEN, the girl who "cain't say no," and Samuel Haun, who has found that "everthin's up to date in Kansas City," are in a quarrelsome mood in this scene from "Oklahoma!" opening next Friday and continuing July 18, 24 and 25. Curtain is 8:30 p.m. on the Burroughs campus.

College's 'Oklahoma' Set For Opener Friday Night

The famed "Surrey with the Fringe on Top" was making the rounds of NOTS and Ridgecrest this week to call attention to Bakersfield Field College Desert Division's production of "Oklahoma!"—opening next Friday evening in Burroughs Auditorium. Curtain time is 8:30.

Tickets are now available for the four performances — on July 17, 18, 24 and 25 — in front of the Commissary, at the Gift Mart in Ridgecrest, and they also may be reserved by

phoning the Hobby Shop, FR 8-9681. Those ordered by phone may be picked up at the box office on the nights of the performances.

Prices are \$1 for adults and 50 cents for children.

CROSSWORD PUZZLE

Answer to Previous Puzzle

1-Achieve	7-Hebrew month	11-Retreat	15-Refuse from grapes	19-South American animal	23-Nothing sweet	27-Strikes	31-Printer's measure	35-Mast	39-Hasto	43-Choice part	47-Turkish regiment	51-Trade for money	55-Prohibits	59-Relatives	63-Parent (colloq.)
2-Estate	8-Insect egg	12-Dwelt	16-Blackbird	20-Ethical	24-Part in play	28-A continent (abbr.)	32-Cornered	36-Chiefs	40-Worn away	44-Babylonian hero	48-Arabian garment	52-Deilium tremens (abbr.)	56-Spoons	60-Symbol for certium	
3-None god	9-None god	13-King of Bashan	17-Baked clay	21-The	25-Epic poem	29-Breaks suddenly	33-Opulent	37-Burning coals	41-Depressions	45-Withered	49-Man's name	53-Printer's measure	57-Football position (abbr.)	61-Place	
4-Staff	10-Pondness	14-King of Bashan	18-South American animal	22-Jumps	26-Memoranda	30-Strikes	34-Ireland	38-Pierce	42-Printer's measure	46-Trade for money	50-Compass point	54-Staff	58-Falsehood	62-Performed	
5-Long-legged bird	11-Bellows	16-Blackbird	19-South American animal	23-Nothing sweet	24-Part in play	28-A continent (abbr.)	32-Cornered	36-Chiefs	40-Worn away	44-Babylonian hero	48-Arabian garment	52-Deilium tremens (abbr.)	56-Spoons	60-Symbol for certium	
6-Parent (colloq.)	12-Dwelt	17-Baked clay	20-Ethical	21-The	25-Epic poem	29-Breaks suddenly	33-Opulent	37-Burning coals	41-Depressions	45-Withered	49-Man's name	53-Printer's measure	57-Football position (abbr.)	61-Place	
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	31-Printer's measure	35-Mast	39-Hasto	43-Choice part	47-Turkish regiment	51-Trade for money	55-Prohibits	59-Relatives	63-Parent (colloq.)						
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From _____ PLACE STAMP HERE TO _____



LT. ROBERT L. JONES is the new San Clemente Island ALF operations officer. His last duty station was NAS Alameda. Prior to that he was aboard the Coral Sea (CVA-43). Entering the Navy as an enlisted man he earned his wings and commission via the NavCad Program.

NOTS Man Joins Expedition to Mount Ararat in Turkey—See Page 5

West Germany's Electronics Chief On NOTS Tour

Dr. Herbert Gaertner, Director of Electronics, Division T, of the Federal Republic of Germany's Ministry of Defense, and three colleagues were distinguished visitors to the Station on Tuesday and Wednesday.

Dr. Gaertner, Dr. Ernst Schulze, Dietrich Golte and Hans-Joachim Kindermann were escorted on their trip here by Lt. Col. Carl Gustafson, USA, Washington, and Ronald M. Murray, Assistant Director of International Programs, Office of Department of Defense, Research and Engineering.

Greeted by Capt. Leon Grabowsky, ComNOTS, upon their arrival at NAF late Tuesday afternoon, the guests were hosted at a social hour and dinner at the Commissioned Officers Mess.

Wednesday's tour began with introductory remarks by Capt. Grabowsky in Michelson Laboratory.

The visitors were then briefed on the Walleye missile program by J. S. Brugler of the Aviation Ordnance Dept. and the Shrike missile program by Leroy Riggs and D. J. Russell of Weapons Development Dept.

Following luncheon, the West German dignitaries listened of advancements in the Sidewinder program in conferences with C. P. Smith and C. L. Neal of Weapons Development Dept. and Dr. T. S. Amle of the Aviation Ordnance Dept.

The visitors departed the Station Wednesday afternoon.

Asst. SecDef Here For Key Projects Briefings



Vol. XIX, No. 28 Naval Ordnance Test Station, China Lake, California Fri., July 10, 1964



DR. HERBERT GAERTNER (second left) of West Germany's Ministry of Defense, and colleague Dr. Ernst Schulze (extreme left) listen intently as D. J. Russell of NOTS' Weapons Development Dept. explains a component of the SHRIKE missile. In background are Lt. Col. Carl Gustafson, U. S. Army, who accompanied the German visitors on their tour here, and H. G. Wilson, Associate Technical Director of NOTS.

NOTS Hosts Dr. Fubini, Dep. Director R&E

Dr. Eugene G. Fubini, Assistant Secretary of Defense and Deputy Director for Research and Engineering, arrived at China Lake Thursday for an overnight stay and series of conferences today.

The Assistant Secretary of Defense's party includes Colonel John R. Deane, Jr. U.S. Army, executive aide, and Fred A. Payne, Deputy Director, R&E.

The visit here was to include briefings on key NOTS programs and conferences with officials at China Lake.

Appointed in July 1963

Dr. Fubini was nominated by President Kennedy on June 15, 1963 to be Assistant Secretary of Defense. Following confirmation by the United States Senate his appointment became effective July 3, 1963 with the special duty of serving as Deputy Director of Defense, Research and Engineering.

Dr. Fubini was born at Turin, Italy, April 19, 1913 and was

**Special Services
Activities Hours**

Auto Hobby Shop	
Mon., Tues., Wed., Fri.	5-9 p.m.
Thursday	Noon-9 p.m.
Saturday	9 a.m.-5 p.m.
Sunday	Noon-5 p.m.
Bowling Alley No. 1	
Monday through Friday	6-11 p.m.
Bowling Alley No. 2	
Monday through Friday	3-11 p.m.
Saturday	10 a.m.-11 p.m.
Sunday	Noon-11 p.m.
Ceramics Hobby Shop	
Mon., Wed., Thurs.	5-10 p.m.
Tuesday, Friday	Noon-5 p.m.
Community Center	
Monday through Friday	8 a.m.-5 p.m., 6:30-10:30 p.m.
Electronics Hobby Shop	
Tues., Wed., Thurs.	6-10 p.m.
Saturday	9 a.m.-5 p.m.
Sunday	Noon-5 p.m.
Equipment Issue Room	
Monday, Tuesday	
Golf Course	
Thursday, Friday	11 a.m.-1 p.m.
Daily to Sunset	
Gymnasium	
Saturday and Sunday	1-6 p.m.
Woodworking Shop	
Tues., Wed., Thurs.	6-10 p.m.
Saturday	9 a.m.-5 p.m.
Sunday	Noon-5 p.m.
Station Library	
Monday through Friday	1-9 p.m.
Saturday, Sunday	2-9 p.m.
Station Theatre	
See Rocketeer for Show Times	
Station Swim Pool	
Monday through Thursday	1-5 p.m., 6:30-8:30 p.m.
Friday	1-5 p.m.
Saturday	6:30-8:30 p.m.
Sunday	1-6 p.m.
Tennis Courts	
Daily	3-10 p.m.
Sunday	1-6 p.m.
Weightlifting Room	
Monday through Friday	3-10 p.m.
Saturday	9 a.m.-6 p.m.

20-Year Pins For Codes 45-55



MAKING IT A CAREER with Propulsion Development Department were 14 employees awarded 20-year service pins late last month. They are (front row from left) Harold W. Taylor, Felix B. Martinez, David A. Colpitts, Otto Schneider,

Lloyd A. Williams, Maurice Sands, Roy J. Tillery, Robert R. Law, Hobert N. Dobbs, Frank G. Amparano, Jack L. Tongate, and Lyman G. Vance, Jr.

'Frozen' Posterior Test

*Gets to the Bottom of
'Flying By Seat of Pants'*

ANCHORAGE, Alaska — Did you ever wonder if a pilot really can "fly by the seat of his pants," as the old saying goes?

If you're inclined to discount the pilotability of an airman's posterior, harken to an experiment undertaken by Dr. H. Strughold, a former Luftwaffe specialist in aeromedicine. He decided to find out if a pilot really does receive aid in the form of "gravity reports" from nerve impulses transmitted through his seat. Dr. Strughold injected his backside with novocaine and when said sitter was completely anesthetized, he was carried aboard an airplane.

The pilot took off and performed a number of slow rolls, loops and other aerobatics. As the doctor sat on his frozen posterior and rolled around the sky, he discovered he had lost all ability to orient himself.

Even though, in the course of other medical experiments, he had piled up many hours of aerobatic flying without undue discomfort, Dr. Strughold proved that when he lost his anchor of gravity-appreciation, i.e., the seat of his britches, the psychological effect produced was one of fear, nausea and absolute disorientation. — (NAVNEWS, from Alaskan Air Command).



ENGINEERING DEPARTMENT'S 20-year employees (from left) included Grant Gorman and husband and wife team of Anthony and Sophie Pelligrini when awards were made recently. Hospitalized when picture was taken was fourth employee, John Barber.

**Roy Monica Retires
After 19 Years Here**

Station pioneer Roy Monica completed the last chapter of a 21 chapter book here last Tuesday. The first two chapters were written from 1943 to 1945 at the Long Beach Naval Shipyard. The last 19 were written in residence at NOTS from May 12, 1945 to July 7, 1964.

Helping him with the punctuation of the last chapter were fellow employees of the Public Works machine shop. Their retirement gifts of two clock radios, a framed aerial picture of the Station, complete with barometer, thermometer, and humidity-meter, furnished the exclamation marks!

Gifts of a framed colored picture of all of his co-workers in the machine shop and a picture of the Station's water system that he had worked on from the pioneer days of '45 to the present supplied the superlatives. Undoubtedly, Roy and his wife, Susan, will leaf through the book of memories, again and again, to recapture the 19-year saga of NOTS when they retire to their recently purchased home in Santa Paula.

The autobiographical chapters will be replete with . . . the development of NOTS' water system from 1 million gallons of water per day to its present 12 million gallons today. . . . the old days of 20 cent breakfasts, 30 cents for dinner,



ROY MONICA

**'Tex' Montague
Sets Flight
Hours Record**

Marine Corps Major Paul B. "Tex" Montague, attached to Air Development Squadron Five here as Marine Corps Liaison Officer, topped the record of flight hours for fiscal year 1964 with 401, according to a squadron official this week.

He said this is believed to be an individual record for pilots serving with experimental squadrons.

Crediting "excellent" aircraft maintenance and the "outstanding performance" of the plane crewmen, Maj. Montague said his 401 hours represents an all-time high in his career as an aviator with eight fighter and attack squadrons to which he has been attached.

His total flight time is 4,276 hours, most of it in single place fighter aircraft.



VX-5 RECORD-HOLDING pilot, Maj. "Tex" Montague (second row, second from left), who racked up 401 hours in flight during fiscal 1964, credited the record to "outstanding maintenance" by aircraft crewmen (front row,

from left) Daryl D. Berge; Phillip A. Hooper, James W. Armistead; Robert E. Hendrickson; (Second row, from left) Richard T. Willoman; Maj. Montague; James C. Ketner, Michael B. Henley; Wilson E. Gaspar and Ted W. Dugas.

**NOTS MAN JOINS MT. ARARAT
SCIENTIFIC EXPEDITION**

**Wood in Ice Pack
May Be Remnants
Of Noah's Ark!**

George G. Silberberg, physicist in the Data Analysis Branch of NOTS' Test Department, left China Lake Wednesday on the first leg of a trip to Mt. Ararat in eastern Turkey where he will join a "one-in-a-lifetime" scientific expedition . . . an expedition that could lead to the excavation and positive identification of remnants of Noah's Ark!

Silberberg, a veteran in photographic and instrumentation work, is taking about 500 pounds of photo equipment with him to record on film all activities and events of the archaeological exploration.

Invited by the Archaeological Research Foundation to participate in the ambitious "Project 62," Silberberg has taken annual leave to join a prolific team of scientists and mountaineers from throughout the United States and Europe.

Mrs. Silberberg (Pat) and their four children, Daryl, 16; Debbie, 14; Timothy, 11, and Kevin, 5, are understandably thrilled and proud that dad was selected to go on the historic trek.

"It's a once-in-a-lifetime opportunity for George," said Pat. "All our love and wishes for good luck go with him."

"Timber Deep in Ice" Unconfirmed evidence that remnants of the historic Ark are retrievable is recorded in a report by the Foundation that "near the summit of Ararat at the 18,000-foot level, in a giant ice pack covering more than a square mile and possible three or four hundred feet deep, there lies a mass of timber of orderly arrangement and evidently tool-ed by man."

This timber, the report continues, normally is covered by a thick mantle of ice, but has been exposed and sighted on at least two occasions in the 19th century.

"And in recent years a mass has been sighted under melting ice. On these two occasions

wood has been retrieved. Samples have been carbon-tested and show evidence of great age. The presence of this wood on Ararat, a mountain without timber, is a significant piece of evidence that demands scientific investigation."

Besides the search for artifacts, other phases of the expedition include the following:

1. A hydrology study of the Tigris and Euphrates headwaters and possible utilization of glacial resources through advanced melting techniques.
2. Photogrammetric study in connection with world glacial mapping project.
3. Astrophysical analyses of important meteorites.
4. Limited study of indigenous peoples noted for longevity.

In reference to the latter phase, previous expeditions have learned that it is not uncommon for people in this area to live more than 100 years.

The Project Director is S. R. Phillips, Brown Root liaison with the National Aeronautic and Space Administration. Chief of the scientific staff and head of the expedition is Raymond S. Moore, Ed. D.

The Archaeological Research Foundation says new scientific and engineering personnel and methods and equipment are now available. New equipment, scientifically designed, will make the task more simple and direct. Recently developed methods can be brought to task.

Some of the techniques to be used are: Sonar mapping of ice pack from airborne equipment; application of infra-red, long-scan camera techniques in location and analysis of sub-glacial phenomena; Seismic surveys, utilizing advanced International Geophysical Year equipment; application of advanced dating techniques also to sediment and glacial cores through analysis for radioactive isotopes, and, experimentation with solar radiation in the management of ice



TEST DEPT.'s George Silberberg gets plenty of helping hands as he readies camera equipment for Mt. Ararat archaeological expedition. With him at their home at 1801-B With-

ington are his wife, Pat, and children, Kevin, 5; Timothy, 11; Daryl, 16, and Debbie, 14. They agree it's a "once-in-a-lifetime" opportunity for husband-father.

and snow through (1) the Frenel lens principle, (2) the use of single tube solar boiler, and (3) the use of sprayed rubber and carbon black.

The expedition anticipates problems, of course. The scientists know that Mt. Ararat has the highest continuous rise from base to summit of any mountain in the world. More than 20 square miles of rugged ice peaks and glaciers surround the central ice pack at 16,000 feet. It is 800 miles from Ankara, the nearest point of contact with modern facilities.

Or, as Silberberg joshingly said before he left, "It is 800 miles from the nearest Band-Aid!"

Here is how the team of scientists plans to melt the thick ice to reach the much sought artifacts:

"Using conventional crop-spray equipment mounted in aircraft, paralled rows of carbon black mixed in rubber liquid — approximately 50 feet apart and running the length of the Mount Ararat summit ice pack — will be laid down. The carbon black layer will be about 100 feet wide. It will require 30 rows per mile. It is estimated that it will require 15 to 20 applications to effect the melting of sufficient ice to expose the buried artifacts."

"The carbon black - rubber blanket will convert solar radiation to thermal energy, increasing the effective melting rate of the ice some 700 to 800 per cent."

"Spraying the mixture in rows, running down the natural grade, will allow the runoff water to cut deep, narrow channels through the ice. This will be more effective than total coverage, since uniform melting caused by total coverage would tend to form a lake which in time would re-freeze at night and defeat our purpose."

Incidentally, temperatures in the area vary from 130 degrees above to 20 degrees below zero.

Two methods of obtaining usable power from solar radiation will be utilized. Clear plastic panels (Mylar panels 10 x 30 feet, in which a Frenel lens has been molded) will be supported by light aluminum tubing to allow the sun's rays to be concentrated on the surface of a four-inch-diameter tube to produce steam, which in turn will drive a pump.

The pump will force high pressure boiling water through flexible hoses to be used to rapidly melt the glacial ice surrounding any artifacts revealed by the action of the water from the carbon black.

The second method will utilize a four-foot-diameter curved specular surface to focus the sun's rays on a single tube boiler. The thermal energy obtained through a single three-inch-diameter tube, 30 feet long, in bright sunlight, is approximately 150,000 BTU/HR under ideal angular conditions. The Ararat equipment will operate on 75,000 BTU/HR.

Most operations at upper levels will be conducted on foot. All expedition members who work above 14,000 feet (mean sea level) will be fitted with automatic supplementary oxygen breathing equipment.

Trains and planes will take the scientists from Istanbul to Dogubayazit, near Ararat. From then on, to the base camp, travel will be by horses, donkeys and vehicles built especially for the terrain. Air drops will keep the men supplied with food and other necessities.

Among the equipment Silberberg has taken with him are a 4x5 Speed Graphic, Hasselblad Exacta 35 mm single lens reflex, Tower 35mm single lens reflex, KS6 70 mm aerial camera and a Bolex 16 mm movie camera. He also has lenses ranging from 60 mm. to 10-inch which are interchangeable with various cameras.

Silberberg expects to be gone for about 60 days.

**Asst. SecDef
Dr. Fubini
Visits NOTS**

(Continued from Page 1)
Force in charge of electronic reconnaissance and countermeasures.

Dr. Fubini joined the Airborne Instruments Laboratory, Melville, Long Island, New York, as an engineer in 1945 and worked on development of microwave components, magnetic detectors, electronic test equipment, boundary value problems anti-jamming devices, antennas, directional finders and reconnaissance system.

He held various positions with the company which subsequently became the Airborne Instrument-Cutler-Hammer Corporation. In 1960 he was appointed Vice President of the Research and Systems Engineering Division of the AIL Division.

Government Service
Since March 1961, Dr. Fubini has been with the Office of Defense Research and Engineering of the Office of the Secretary of Defense.

He was serving as Deputy Director of Defense Research and Engineering for Research and Information systems when the President nominated him to be Assistant Secretary of Defense. In the later position his responsibilities encompass the entire field of military research and development programs.

Dr. Fubini is a fellow of the Institute of Radio Engineers, has authored about 30 technical publications and holds 11 patents. He lectured at Harvard University in 1956.

He has been a member of the Air Force Scientific Advisory Board, the advisory group on special projects of the Department of Defense, Chairman of the Electromagnetic Warfare Advisory Group of the Air Research and Development command, consultant to the President's Scientific Advisory Committee, member of a panel of the National Security Agency Scientific Advisory Board, and member of the Advisory Council for the Advancement of Scientific Research and Development in New York state.

Dr. Fubini received his United States citizenship in 1945. He is married and has six children.

**Urge Removal of
Race Designation
From DOD Forms**

Washington — The armed services and other Department of Defense agencies have been instructed to remove racial designations from most DOD personnel forms.

Modified versions of these forms, showing the new format, will be distributed through forms control channels by the Office of the Assistant Secretary of Defense (Comptroller).

The order, in a DOD memo, said that in the interest of economy existing forms stocks need not be discarded.

In his memorandum, Alfred B. Fitt, deputy assistant secretary for Civil Rights, said it would be appreciated if the racial designations on existing stocks of forms be blocked out prior to their use, or other appropriate actions taken to discontinue completing the obsolete entries. — (AFPS)



ESO Council Votes Counted

Final tabulations on the recent election of officers for the Employee Service Organization (ESO) have been made.

Foothill representatives for the coming year are Sharon A. Madson, Robert E. L. Austin, Weston J. Fisher, and Bonnie J. Flood. Mary L. Harrison will act as an alternate.

Bernard Pennino will represent Morris Dam, with Gene Krug as his alternate.

Harold Jensen was elected for Long Beach and San Clemente Island. Charles Black will serve as his alternate.

The council of six will elect a president and vice president. A treasurer is appointed by the council from outside its own membership. A recording secretary is also appointed from outside the council.

CDR. W. M. PLACE, Technical Officer (Acting), recently completed the U. S. Naval Space and Astronautics Orientation Course at the U. S. Naval Missile Center, Point Mugu, California. The course is designed to show today's efforts in astronautics in relation to the over-all mission of the Navy and to the future utilization of space.

Edged Out By Tidewater Oil

NOTS Softball Team faced Tidewater Oil in a real "edge of the seat" game on June 25th. NOTS and the league leaders were tied 2-2 until the last 90 seconds of play, when in spite of valiant stalling, Tidewater Oil scored another run to win 3-2.

SHIPPING

More shipping tonnage passes each year through the locks at Sault Ste. Marie, Mich., than through either the Panama or Suez Canals, despite the fact that the navigation season at Sault Ste. Marie is only eight months out of 12.



COMMANDER T. A. CASSIN, Associate Director of Supply, presents an Outstanding Performance Rating certificate to James E. Fletcher for his duties as Technical Assistant, Supply Department, Pasadena Annex, during the period April 1, 1963, through March 31, 1964. Fletcher also received a Quality Salary Increase.



L. Z. MAUDLIN, Head, Simulation and Computer Center (left), was host to Capt. William H. Knuff, Jr., Assistant Chief of Logistic, COMSUBPAC, (third from left), and Lt. (jg) F. E. Mosher, COMSUBPAC Staff, as they toured NOTS facilities. W. E. Hicks, Associate Head, Underwater Ordnance Department (r), also briefed the visitors, who had just arrived from Pearl Harbor for a brief stay in Pasadena.

NOTS Pasadena

VIRGINIA E. LIBBY — EXT. 638



W. E. HICKS, Associate Head, Underwater Ordnance Department (1), presides at ceremonies for NOTS Junior Professional Program graduates who recently completed their rotational assignments. Graduates are, front row (l-r), Robert G. (Jerry) Thompson, Mark A. Ruszczky, Jeffrey Olmstead, John A. Mayr, Thomas G. Moore, Robert H. Hearn, Back row (l-r), Jerome A. Neubert, David A. Elkins, Clyde L. (Lew) Hedrick, Donald L. Gimbel, Norman B. Estabrook, Newell O. Booth. Not present for picture were Harold D. Smith, James Martin, Arnold O. Musolf, and Elton M. Rife.



CLINTON V. WEAVER



LAWRENCE B. WHITNEY



GARY GORDON

Three End Federal Careers

Three federal careers ended last week with the retirement of Clinton V. Weaver, Lawrence B. Whitney, and Gary Gordon. After 18 years and 9 months with NOTS, Weaver leaves his position as Head of the Buying and Order Branch and Small Business Specialist. Duties consisted of purchasing and contracting for materials and services, giving assistance to small business firms in dealing with the government.

During his tenure at NOTS, Weaver garnered two Outstanding Performance Ratings and one Superior Accomplishment Award.

His entire federal career was spent at NOTS with the exception of 2-year military service in World War I, serving overseas in England and France.

Originally from Elkhart, Indiana, Weaver has for 21 years been a resident of Pasadena, where he and his wife, Jessie, presently reside. He has been active in the Elks for many years. The Weavers have two married sons and five grandchildren.

Whitney Ends NOTS Career — Lawrence B. Whitney, an Electrician with NOTS for 13 years, began his civilian federal service with 4 years at Pearl Harbor, then 5 years at sea with the Military Sea Transportation Service. He also served with the U.S. Navy during World War I from 1917-1921.

Originally from Duxbury, Massachusetts, he has for two years been a resident of El Monte where he is active in the American Legion.

Whitney and his wife, Esther, have a son and daughter.

Gordon Closes 18-Year Career — Gery Gordon, General Engineer, retired from the Torpedo Operations Branch where he had been designing and testing torpedo components, recommending and testing commercially available battery systems for auxiliary and propulsion power in underwater ordnance vehicles.

Gordon, who began his 18 1/2 years at NOTS with the Physics Division at Green Street, Pasadena, has been the recipient of group awards for work in his specialized field.

During his association with NOTS he co-authored two articles on "Time Resolved Spectroscopy" with Dr. W. M. Cady in the Journal of the Optical Society of America in 1949 and 1950.

A native of Macomb, Illinois, he has been a resident of Alta-

dena for 16 years, where he resides with his wife, Blanche.

The Gordons, who are active in the Altadena Civic Association and members of the Westminster Presbyterian Church, have three children and eight grandchildren.

PROMOTIONAL OPPORTUNITIES

To apply for positions, contact Nancy Reardon, Pasadena Personnel Division, Extension 492. A current SF-58 must be submitted when applying.

Heavy Duty Equipment Mechanic; Hourly Salary Range: \$3.19 to \$3.45.

Heating Plant Operator (Large); Hourly Salary Range: \$2.98 to \$3.22.

Painter; Hourly Salary Range: \$3.08 to \$3.34.

Pipefitter or Plumber; Hourly Salary Range: \$3.19 to \$3.45.

Note: All of the above vacancies are located in Code P715; Duty Station: Long Beach (SAN CLEMENTE ISLAND).

Eight Employees Receive Degrees From UCLA . . .

(Continued from Page 1)

graduate with a B.S. degree in mechanical engineering, came to NOTS under the JP program in June, 1958.

He was recruited by Howard Kelly of the Weapons Development Department, who is now studying for his doctorate in aeronautical engineering at Pennsylvania State College.

Benham is married to the former Marjorie Beck of Cheyenne Wells, Colo. They have two daughters.

Toshio Inouye, an aerospace engineer with Code 4538, is a '59 engineering graduate of Fresno State. He came to NOTS as a JP on graduation.

A native Californian, born at Gridley, he attended Fresno's Edison High School before going on to State. He was recruited by Bob Grasley, a former Code 45 employee.

He is a bachelor and numbers hiking and swimming among his hobbies.

Steve Lee, Code 4535, who heads up the Analysis Branch, is a long time NOTS employee. He holds two degrees, one in physics and one in math, from the University of California at Santa Barbara. He added an MA in math this week.

William H. Thielbahr, Code 4526, came to NOTS in June of 1961 after graduating from Fresno State College with a B.S. degree in mechanical engineering.

During his JP tour he worked on adapting the Sparrow missile assembly stand to fit the SHRIKE missile. He later conducted thermodynamic heating studies on SHRIKE, and is presently engaged in heat transfer analysis studies for rocket motor components.

He gained his first experience in materials testing as an engineering student trainee with the California Dept. of Highways during college vacations.

David P. Wirtz, Code 4511, a University of Colorado graduate with a B.S. degree in aeronautical engineering, came to NOTS as a junior professional in July of 1961. He was recruited by Ray Van Aken of Weapons Development Department.

Born in Hawaii, he attended Honolulu's Saint Louis High School before coming to the mainland to enroll at the University.

He is married to the former Virginia Boss of Grand Junction, Colo. She was a classmate at the University of Colorado. They have two girls and one boy.

William H. Smith, Code 4044, first came to NOTS as a summer employee in 1957. After receiving his B.S. degree in mechanical engineering from the Missouri School of Mines he came back to the Station under the JP program in September of 1958.

Born in St. Louis, Mo., he's a dyed-in-the-wool "Show Me" state booster. He maintains an active role in the local MSM Alumni Association, the largest of any school on the Station.

He and his wife, Marcia, an active Toastmistress, have two children.

Joseph H. Mosko, Code 4021, a graduate of San Jose State College with a B.S. degree in engineering came to the Station in July of 1959.

Born in Czechoslovakia, he came to San Francisco in 1951 and became a naturalized citizen in 1956.

He worked his way through San Jose, graduating with hon-



NAF'S NEW SHOPS and Hangar Officer, Lt. Douglas S. Mayfield has reported aboard from U. S. Naval Postgraduate School, Monterey, where he received his B.S. in Aeronautical Engineering. A former apprentice seaman, he received a fleet appointment to the Navla Academy, and graduated Naval Academy, and graduated in 1956.

Safety Note: How To Set Parking Brake

Owners of many new automobiles are cautioned that under certain circumstances the "parking brake" on their car may appear firmly set, but still allow it to roll backwards freely.

The Association of Casualty and Surety Companies advises that this can be especially dangerous if a driver parks his car in the family driveway, many of which slope.

If the parking brake is set without the simultaneous application of the hydraulic service (foot) brakes, the bottom of the brake shoes are brought into contact with the drums on the rear wheels, but the shoes are not fully engaged.

With the parking brake in this condition, the Association says, the car cannot roll forward, but it can move freely to the rear.

If, on the other hand, the motorist is pressing his foot on the hydraulic brake while he is setting the parking brake, the shoe and drum engage completely and the car will not move.



'LAST' OF VANISHING BREED, Anthony D. "Tony" Trujillo, AMC, relaxed hold on aircraft controls last week just long enough to take oath of re-enlistment from Capt. Robert R. Yount, NAF skipper, while flying at 10,500 feet.

Enlisted Pilot 'Tony' Trujillo Goes for Four More - at 10,500 Feet

One of the Navy's most unusual ceremonies on record was conducted high over the Mojave Desert last Thursday, involving one of the Navy's most unusual enlisted men.

Anthony D. "Tony" Trujillo, one of some 40 enlisted pilots left in the Navy, was re-enlisted while at the controls of a Navy twin-engined transport plane.

It was Trujillo's sixth re-enlistment, adding four years more to his nearly three decades of service.

10,500-Ft. Swear-in

Captain Robert R. Yount, Commanding Officer of the Naval Air Facility, to which Trujillo has been attached since 1960, flew co-pilot to the chief petty officer and accepted his oath of allegiance. . . at 10,500 feet altitude.

Attached to aviation duties at Ford Island on the morning of Dec. 7, 1941, Trujillo was accepted for flight training shortly after the Pearl Harbor attack.

He subsequently flew numerous combat missions with Scouting Squadron 48.

"Anything That Flies"

"Tony" served a previous tour of duty here from 1955 to 1957, assigned as a project pilot. His current assignment is flying utility and helicopter aircraft based at the Naval Air Facility.

And, though he holds ratings for "anything that flies," Trujillo states a preference for propeller aircraft.

Born at Durango, Colo., Trujillo, a Chief Aviation Mechanic, has three daughters, Sandra, 18, Toni Ann, 16, and Toni Kay, 14. He and his wife, Janet, live at 31-B Sykes Circle here at China Lake.

His airborne re-enlistment marked a first for this command and, according to Trujillo, was Captain Yount's "brainstorm."

"For a man who has as much cockpit time as Tony, it was a natural," commented the flying skipper of the Naval Air Facility.

Trujillo's flying log shows an official compilation of 8,233 hours. This doesn't include time in private planes, it was pointed out.

Balks at Retirement — Informed that the number of enlisted aviators is rapidly dwindling in the Navy today, Trujillo balks at the idea of retirement.

"Lemme know when it gets down to one, then I'll let you know what my plans are," he said filling out a flight plan for his next hop.

Five Employees Granted Patents for Inventions

Five Station employees were granted patents on their inventions and reaped a total of \$675 under the Incentive Awards Program last Friday.

Dr. Martin H. Kaufman, Propulsion Development Department, was awarded \$175 and a patent for the development of a pyrotechnic composition with improved intensity and burning rate and low sensitivity to impact for use at high altitudes as an igniter or flare.

Firth Pierce, Research Department, received \$100 and a patent for a deep sea densimeter for measuring the density of sea water with precise tolerances at any desired depth.

Harold G. Cook, Engineering Department, was awarded \$200 and a patent for his electrical connector for a boost sustained rocket motor.

William A. Gey, Propulsion Development Department, received an additional award of \$100 and granted a patent for his method of preparing long chain nitramine diols having more than two nitramino groups for use in solid rocket compositions.

James W. Rogers, Research Department, was awarded \$100 and a patent for a device to accurately control the release of pressurized propellant gases from gun barrels when used to fire projectiles.

He volunteered to take part, he said, because of his longstanding interest in the problems of life in an ocean environment.

During 1962-63 he attended UCLA on an Aviation Weapons Systems Control scholarship.

He is married to a California girl. They have two boys.

George Barnes, Code 12, who holds an A.B. degree in physics from Reed College, Portland, Ore., came to NOTS as a junior professional in September of 1957.

An outdoor enthusiast and mountain climber, he spent his leave last summer mountain climbing in Alaska. He is an active member of the China Lake Mountain Rescue Group and is one of the main-stays of the Group's snow rescue team.

He is presently on leave "shooting the rapids" of Colorado's Green River.

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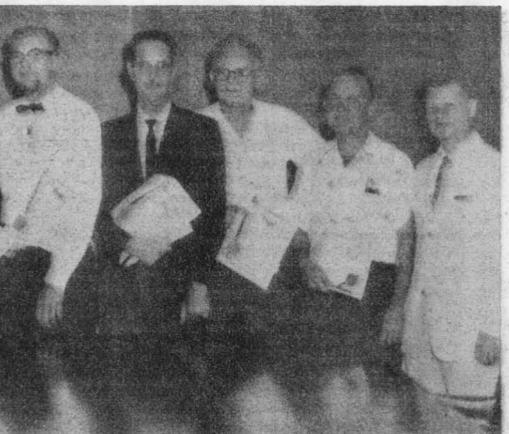
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He is presently on leave "shooting the rapids" of Colorado's Green River.



PATENT AWARDEES — Capt. Leon Grabowsky, comNOTS (left), and Peter H. Firth, Station Patent Counsel (right), pose with patent awardees. Recipients (l-r) are Harold G. Cook, \$200, Code 55; William A. Gey, \$100 additional award, Code 45; James W. Rogers, \$100, and Firth Pierce, \$100, both of Code 50; and Dr. Martin H. Kaufman, \$175, Code 45. Patent awards ceremony was held last Friday for the five NOTS inventors.

CHAPLAIN'S MESSAGE

A Good Philosophy

By CHAPLAIN MARK E. FITE



A 10-year-old boy and his father were leading a cow with a new-born calf out of a treacherous swamp to the barn. The weather was cold and an icy rain beat steadily upon them. "Do you really want to be a farmer, son?" asked his father. "We have to work hard and all through the year we have the weather to struggle against." The boy looked up at his father with the wind and rain lashing his face and said: "But Dad, it doesn't storm like this all the time."

This story with its simple philosophy reminds many of us of a profound truth that life never stands still. Change is the order of the day.

People react in various ways when "the storm" strikes. Some prefer to sit in a darkened place, quote a kind of verse, and do nothing - a kind of withdrawal from the whole of life.

Others may be found who fly into the face of adversity and rebel against reality.

Now I'm not an advocate of the idea that we cannot do something about the situation at hand, whether good, bad or any degree in between; but a sane and profound truth such as this boy proclaims can do us good.

Our children are a rich blessing and an invaluable gift to all of us. We can never do too much in the right sort of way for them. But what we can do that is best, is the same our parents and theirs before them did. We can stand by the truth that has the promise of Divine Authority. "Train up a child in the way he should go, and when he is old we will not depart from it." (Proverbs 22:6).

Facing the reality of much malicious behaviour, and the problems of juvenile and adult delinquency and crime - we would do well to seriously ask ourselves if we are doing the best with the help of our Heavenly Father.

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.

Aerospace Engineer (Propulsion & Power), GS-13 (2 vacancies), Codes 4573 & 4574 - Project Engineer in the Propulsion Systems Division. Performs analysis and feasibility studies for new weapon systems. Conducts and plans new weapon system development programs. Conducts re-design, product improvement and requalification of existing fleet weapon systems.

File applications for above with Louana Schneider, Bldg. 34, Rm. 26, Phone 72723. Clerk (DMT), GS-4, PD 28558, Code 3013 - Incumbent will handle all clerical work in connection with the Tarrar and Tarrar projects, for Projects Branch "C".

Qualifications: Successful completion of two academic years of substantially full time study in a resident school above the high school level; or two years of appropriate experience; or one year of education plus one year of appropriate experience.

General Engineer, GS-12, Code 5521 - Incumbent will perform production and design engineering on electromechanical servo and fuse system components. Also, provide technical assistance to junior engineers and technicians employed in the group. Position requires knowledge of servo system devices and components of the principles of automatic controls.

Clerk Typist, GS-3 or GS-4, Code 5515 - Incumbent types a variety of formal and informal reports, correspondence, memoranda, etc. Receives telephone calls and official visitors and directs some to cognizant persons. Position includes: cost accounting, time-keeping, filing, copying, etc. Short-hand desirable.

File applications for above with Betty Fowler, Bldg. 34, Rm. 34, Phone 71514. Deadline for filling is July 17.

NAVY OVERSEAS VACANCIES Management Analyst, GS-12, Okinawa; General Supply Assistant, GS-8, Japan; Power Plant Controlman (High Pressure), Guam; Budget Analyst, GS-9, Guam; Position Classification Specialist, GS-12 or GS-13, Hawaii. File applications for above with Navy Overseas Employment Office (Pacific), Federal Office Bldg., 50 Fulton Street, San Francisco, Calif. 94102. Positions open till filled.

Learning Is Lifelong

All persons have some skill. Even the least talented can do some things better than the most talented. Each of us can learn from the other. And we can learn as long as we live.

We may not be able to teach old dogs new tricks, but we can teach old persons new skills.

Rhymes of the Times

IF ON AMBITIONS LADDER YOU WOULD TRY A FOREIGN LANGUAGE ON FOR SIZE. AGENT APPS

'POP' LOFINCK IS ON LEAVE. HIS 'DESERT PHILOSOPHER' COLUMN WILL BE RESUMED WHEN HE RETURNS.



TECHNICAL INFORMATION DEPT.'s 10th anniversary cake is sliced by K. H. Robinson, Head of TID, and H. G. Wilson, Associate Technical Director, during party on July 1. About 100 people were in attendance. Reviewing TID's work of the past decade, Robinson estimated that his department has published enough material to cover 110 football fields.

'Best Mess' Contest Winners Announced

New York - The Navy has announced the winners of the 1964 annual Ney Awards Program for the outstanding enlisted men's messes, ashore and afloat.

The best large ship mess for 1964 is the auxiliary experimental vessel USS Observation Island (EAG 154), of Cruiser Destroyer Force, U.S. Atlantic Fleet. The outstanding small ship mess award went to the radar picket ship USS Tracer (AGR 15), under the command of the Commander, Western Sea Frontier.

Top shore-based mess is the U.S. Naval Air Station, Corpus Christi, Texas, a runner-up in last year's Ney Awards contest, representing the Commandant, Eighth Naval District.



TRIPLE RE-ENLISTMENT saw William T. Doremus, AK1; James A. Sizemore, SH2, and Regelio M. Lacson, SD3, re-upping for six-year tours. Administering oath to the trio is Lt. (jg) William F. Elrod, Executive Officer of NOTS Enlisted Personnel Div.

Little League's Gala 'Fourth'

A highly successful Fourth of July program, sponsored by the China Lake Little League, saw 10-year-old Ruth DeLeon chosen as selectee for Miss Little League of 1965.

She will be officially crowned during the District Tournament here, starting on July 30.

Keynote speech of the evening was a talk directed to youths in the Little League program by Capt. Leon Grabowsky, ComNOTS.

A six inning ball game between league officials and 12-year-olds from the major and minor leagues ended in disaster for the oldsters, 14-5.

Climax of the program was a fireworks display fired by volunteer Station employees.



SPONSORS OF LITTLE LEAGUE TEAMS receive certificates during 4th of July ceremonies. Left to right are Jim Williams, Kiwanis Club sponsor of the Lions; Aaron Jones, Security Dept., Cubs; Lcdr. Bob White, Public Works, Pirates; John DiPol, Test Dept., Yankees; Kel Booty, Engineering Dept.,

Tigers; Lcdr. Mark Fite, Protestant Congregation Navy Chapel, Senators; Lt. T. R. Jones, NAF, Red Sox; Bill Ranes, CPO Club, Braves; Jim Miller, AO1, Acey Deucey Club, Indians; Lt. Bob Dolloff, vice president of Major League; and Jim Bowen, vice president of Farm and T-Ball Leagues.

SPORTS REVIEW

BY BILL BORGSTADT

At the All-Star break, another major league baseball season is half over. In analyzing the contenders, it looks like the Phillies will meet the Yankees in the October classic.

Philadelphia has the best pitching staff in either league with Short (ERA leader), Bennett, Bunning, Culp and Mahaffey in the starting rotation and Baldschun, one of the league's top relievers.

San Francisco has the power to take it all but after Marichal and Hendley, the pitching is weak. They don't have the stopper in the bull pen.

St. Louis, although ten games off the pace, and tied for fifth, should come in third. Look for the Cards to play the best ball of any team during the second half.

Los Angeles has been a disappointment during the first half but for just a few timely hits they would be right in the thick of the race. Don't count them out.

Cincinnati is getting good pitching and could finish as high as third but fit better here.

Chicago, Pittsburgh and Milwaukee will be battling it out for sixth and should finish in the order listed.

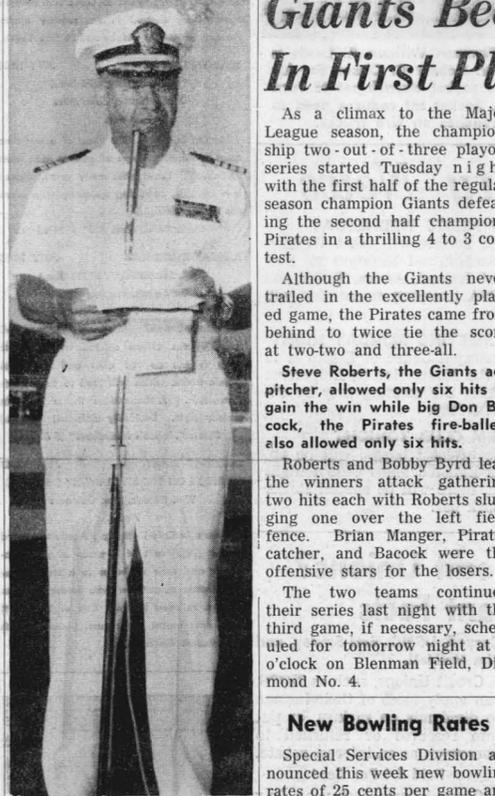
Barring injury to its stars New York will again take another pennant. Ford has been superb and Bouton is returning to his '63 form. Look for Mantle to have a big second half.

Minnesota will be fighting Baltimore for second place and take it with fair pitching and tremendous power versus the Orioles' good pitching and no power. With good breaks either team could go all the way.

Chicago is the only other team that figures to be in the race due to fine pitching. Their inability to beat the Yankees will keep them from moving up.

THINGS TO LOOK FOR IN '64

Killebrew to break Maris' home run record—Koufax to win 15 games the second half—"Pop" Lofnick to write another column if his fan mail lets up—New York Mets to have another no-hitter pitched against them—Clemente to win NL batting title, Mantle in the AL—Farrell not to win over four games the second half—Finley to try and move the Athletics out of Kansas City—Mays struggling to hit .300.



CAPT. GRABOWSKY, Com NOTS, delivers address directed to youths in Little League Program.

Giants Beat Pirates, In First Playoff Game

As a climax to the Major League season, the championship two-out-of-three playoff series started Tuesday night with the first half of the regular season champion Giants defeating the second half champions Pirates in a thrilling 4 to 3 contest.

Although the Giants never trailed in the excellently played game, the Pirates came from behind to twice tie the score at two-two and three-all.

Steve Roberts, the Giants ace pitcher, allowed only six hits to gain the win while big Don Bacoek, the Pirates fire-baller, also allowed only six hits.

Roberts and Bobby Byrd lead the winners attack gathering two hits each with Roberts slugging one over the left field fence. Brian Manger, Pirates catcher, and Bacoek were the offensive stars for the losers.

The two teams continued their series last night with the third game, if necessary, scheduled for tomorrow night at 8 o'clock on Blenman Field, Diamond No. 4.

New Bowling Rates

Special Services Division announced this week new bowling rates of 25 cents per game and no charge for bowling shoes are in effect for school children at the China Lake Bowl from 3 to 6 p.m.

Colts Lead League — 4 Straight Wins

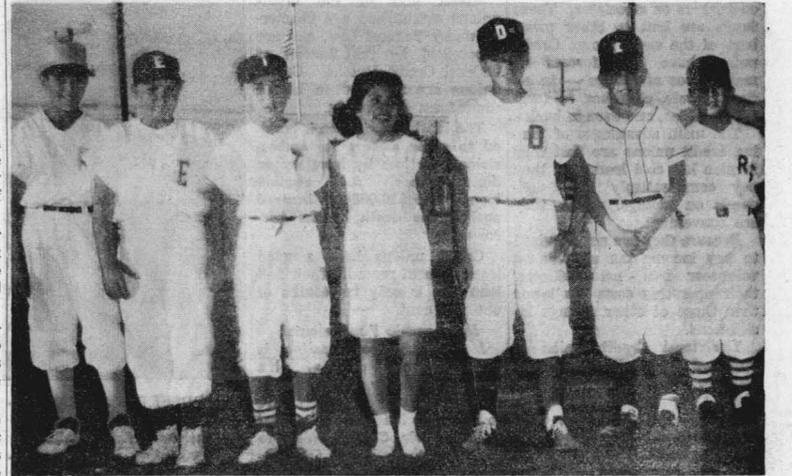
The Colts, after placing second with a 5-4 record the first half of the Colt League season have won four straight games in thrilling fashion to move into first place.

Ted Sprouse started the streak by pitching a 4-2 victory over the Giants. Playing the league leading Angels the Colts scored two runs in the bottom of the seventh to tie and the winning run in the ninth for a 7-6 victory moving into a first place tie.

In their next game, after spotting the Dodgers a 6-1 lead after four innings of play, they scored three runs in the fifth and four in the sixth for an 8-6 victory. Ted Sprouse again picked up the victory with three innings of no-hit no-run relieving.

In the final game to date the Colts were trailing 6-5 going into the bottom of the seventh and again came through in the clutch for two runs and a 7-6 victory. Ted Sprouse picked up another victory with two scoreless relief innings, winning three games in the four game winning streak.

Delivering big hits for the Colts throughout this streak were Dean Smith, Tom Hibbs, Tom Clow and Dave Luzinas.



MISS LITTLE LEAGUE SELECTEE, 10-year-old Ruth DeLeon, poses with honor guard escorts (l-r) David Seeley of the Pirates; Mike Yingst, Eagles; Mike Thornberry, Tigers; Bob Nelligan, Dodgers; John Rouland, Indians; and Bob McKinney, Red Sox. Selectee Ruth will be officially crowned Miss Little League of '65 during the Little League District Tournament to be held here starting July 30.

Public Works Plays Jack Nelson Wins Barstow Tonight Archery Tourney At Mammoth Mt.

Night action is scheduled tomorrow at the Beer Hut diamond between the Public Works softballers and a visiting Barstow Merchants delegation, with game time set for 8 p.m.

Manager Pete Zamarron of the local club listed his starting lineup as Gary Stevens, Frank Carson, Dennis Crager, Frank Rogers, Alfred Celstine, Jim Dowda and Jim Cashore.

Twirler Billy Brown will open the tilt with relief ace Ross Clayton on tap to dowse any fires.

Lupe Reyes will coach first base and Frank Amprano is to handle third base action.

Double Header, July 18

A twin-bill is slated for Saturday, July 18, on the local diamond with Bakersfield Superior Tire going against Public Works in the opening fray and the NOTS Military All Stars slated to go against the Kern Frog Market as a nitecap.

Jack Nelson Wins Archery Tourney At Mammoth Mt.

Jack Nelson of the China Lake Bowmen won first place at the Mammoth Mt. Archery Tournament over the Fourth of July weekend.

It was one of the biggest animal shoots in the state, Jack led the field at the end of the first of the two-day shoot, and kept the lead all the way.

Other China Lake representatives were Sheila Stedman, who placed second in the women's division, losing only to the state champ Sue Shine.

Willie Rice took first place in the boys' intermediate division; Bill Kennedy was third in Class B division; Randy Stedman came in second in the Cub division, and his dad and mother, Bob and Sheila Stedman, won the trophy for high score among husband and wife teams.

The Rocketeer

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DIVINE SERVICES

Christian Science (Chapel Annex) Morning Service - 11 a.m. Sunday School - 11 a.m. Protestants (All Faith Chapel) Morning Worship - 8:30 and 11 a.m. Sunday School - 9:30 a.m., Groves and Richmond elementary schools. Roman Catholic (All Faith Chapel) Holy Mass - 7, 9:30 a.m., and 5:30 p.m. Sunday. 8 a.m. Monday through Friday, 8:30 a.m. Saturday. Confessions - 8 to 8:25 a.m., 6 to 8:30 p.m. Saturday. Thursday before First Friday - 4 to 5:30 p.m. NOTS Hebrew Services (East Wing All Faith Chapel) Every first and third Friday, 8:15 p.m. Interfaith Fellowship (Parish Hall) Fellowship Meeting - Sundays, 8 p.m.