

Old-Fashioned Ice Cream Social Tuesday Eve



ICE CREAM SOCIAL time is here again. This year's event, sponsored by the Protestant Women's Guild, will be held next Tuesday evening from 6 to 9 p.m. on the All Faith Chapel lawn. Each year, hundreds turn out for the social, one of the community's biggest events. Here's a scene from the 1963 attraction.

There'll be fun for both young and old alike—and homemade ice cream, while it lasts—at the 13th annual Old-Fashioned Ice Cream Social Tuesday evening on the lawn of the All Faith Chapel.

The gala event, which draws hundreds of local residents yearly, will be held between 6 and 9 p.m.

Sponsored by the Protestant Women's Guild of the All Faith Chapel, the menu will feature in addition to homemade ice cream, homemade cake or pie, and lemonade or coffee.

Tickets are 50 cents for adults and 25 cents for children under 12 years of age.

They are available from the Chapel Office, members of the

Women's Guild, and at the door the evening of the social.

There will be special entertainment for children, including Dennis Garrett in his clown act. Music will be provided by Maynard Craig's band.

Red and white will be the color theme of the decorations and the hostesses' and servers' aprons.

A "dunking booth" will be manned by the Senior High Youth Fellowship.

Jackie Renne is general chairman for the event. Logistics support for the event will be furnished by Guild Circles: Elizabeth Circle, ice cream and servers; Phoebe Circle, pies and cakes; Hannah-Naomi Circle, beverage and paper supplies; Esther Circle, hostess; and Ruth Circle, decorations.

Proceeds from the event are used to support mission projects of the Women's Guild throughout the world.

Summer employees here as junior professionals or consultants are particularly urged to attend the event for an evening of fun, fellowship, and to become acquainted.

Last Rites Held for La Verne Schaller

Funeral services were held for Station employee La Verne C. Schaller, 42, on Tuesday at the All Faith Chapel. Chaplain Mark E. Fite conducted the services.

An electronics mechanic with the Weapons Development Department, Schaller succumbed to a heart attack on July 9.

He came to the Station January, 1949, and served as a guard with the Security Department until July, 1954, when he transferred to the Engineering Department, then in November, 1959, he joined the Weapons Development Department.

Survivors are his wife, Jeanne, 311-B Monterey, his mother, Mrs. Esther Schaller, and a brother, Dale W. Schaller, both of San Bernardino.

'Oklahoma!' Opens Tonight At Burroughs

"Oklahoma!" the most often produced musical in the American theatre, opens tonight on the Burroughs campus.

The production by the Desert Division of Bakersfield College will run for four performances, tonight and tomorrow night, and again next Friday and Saturday.

Tickets are \$1 for adults and 50 cents for children under 12 and may be purchased in front of the Commissary today, and Thursday and Friday of next week. They may also be bought at the door on the nights of all performances.

GEBA Assessment Number 81 Is Due

Assessments of \$1.20 have been levied for members of the Government Employees Association and China Lake Mutual Aid Society due to the death of La Verne C. Schaller, a Code 40 employee.

Payments may be mailed to the secretary-treasurer Joseph M. Becker, 77-B Renshaw.

NR Drive Sets Record . . .

(Continued from Page 1)
\$10; Opal Goode, \$10; Lee Lakin, \$6; Herbert M. Neuhaus.

The Society is organized on a national basis and operates through 48 auxiliaries and 57 branches located in the principal Navy and Marine Corps bases

and stations throughout the world.

The China Lake Branch of Navy Relief comes under the jurisdiction of the Long Beach Auxiliary of the Navy Relief Society. The Station Chaplain serves as executive secretary of the local branch.

SHOWBOAT

FRIDAY JULY 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.)

SATURDAY JULY 18
—MATINEE—
"TARZAN'S FIGHT FOR LIFE" (86 Min.)
Gordon Scott
1 p.m.

Shorts: "Bear and the Hare" (7 Min.)
"Jungle Drums No. 11" (13 Min.)

—EVENING—
"ANY NUMBER CAN WIN" (108 Min.)
Jean Gabin, Alain Delon
7 p.m.

Crime-Drama: An aging crook plans "one last job" and picks a fabulously rich French casino in Cannes. The film's pace picks up to a roaring finish. (Adults and Mature Youth.)

Short: "Mucho Mouse" (7 Min.)

SUNDAY-MONDAY JULY 19-20
"THE BRASS BOTTLE" (89 Min.)
Tony Randall, Burl Ives, Barbara Eden
7 p.m.

(Comedy-Fantasy in Color) An architect finds a magic lamp that frees a Genie who tries to help his master but only gets him in trouble. A modern madcap laughfest. (Adults, Youth and Children.)

Short: "All That Oriental Jazz" (20 Min.)

TUESDAY-WEDNESDAY JULY 21-22
"SEVEN DAYS IN MAY" (119 Min.)
Burt Lancaster, Kirk Douglas, Ava Gardner
7 p.m.

(Drama) Tension gathering film from the controversial novel about a future military plot to overthrow the government. A superior mystery—a fantastic plot—stellar cast. (Adults and Mature Youth.)

THURSDAY-FRIDAY JULY 23-24
"THE CARDINAL" (176 Min.)
Tom Tryon, Romy Schneider
7 p.m.

(Drama in Color) An intriguing story of the rise of a Catholic priest in the church during the period of World War II. The superior film is a story of many stories and without preaching. (Adults and Mature Youth.)



ALASKA BOUND—A. L. (A) Pendergrass, Red Cross field director, receives farewell gift from Mrs. Hans Christensen, chairman of the local Red Cross Branch. Director was feted by local group prior to departure for his new assignment at Fort Wainwright, Alaska.

Pony and Colt
League All-Stars
Ready for Barstow
See Page 7

ROCKETEER

FROM UNDER THE SEA TO THE STARS

Vol. XIX, No. 29 Naval Ordnance Test Station, China Lake, California Fri., July 17, 1964

Middleton Shows
What Blind Computer
Programmer Can Do
Story on Page 2

Equal Opportunity SecNav Sets Policy on Civil Rights

AINav 24, issued this week by Secretary of the Navy Paul H. Nitze, spells out Department of Defense policy regarding Navy Department participation in public meetings.

The message quotes President Johnson's statement relating to "equal opportunity to all Americans" and the policies of his administration "to assure that no Federal program operates to encourage or support racial segregation."

"On an Equal Basis" Pursuant to this policy, the AINav points out that government public information programs, educational activities and services of a like character should be available to "all persons on an equal basis."

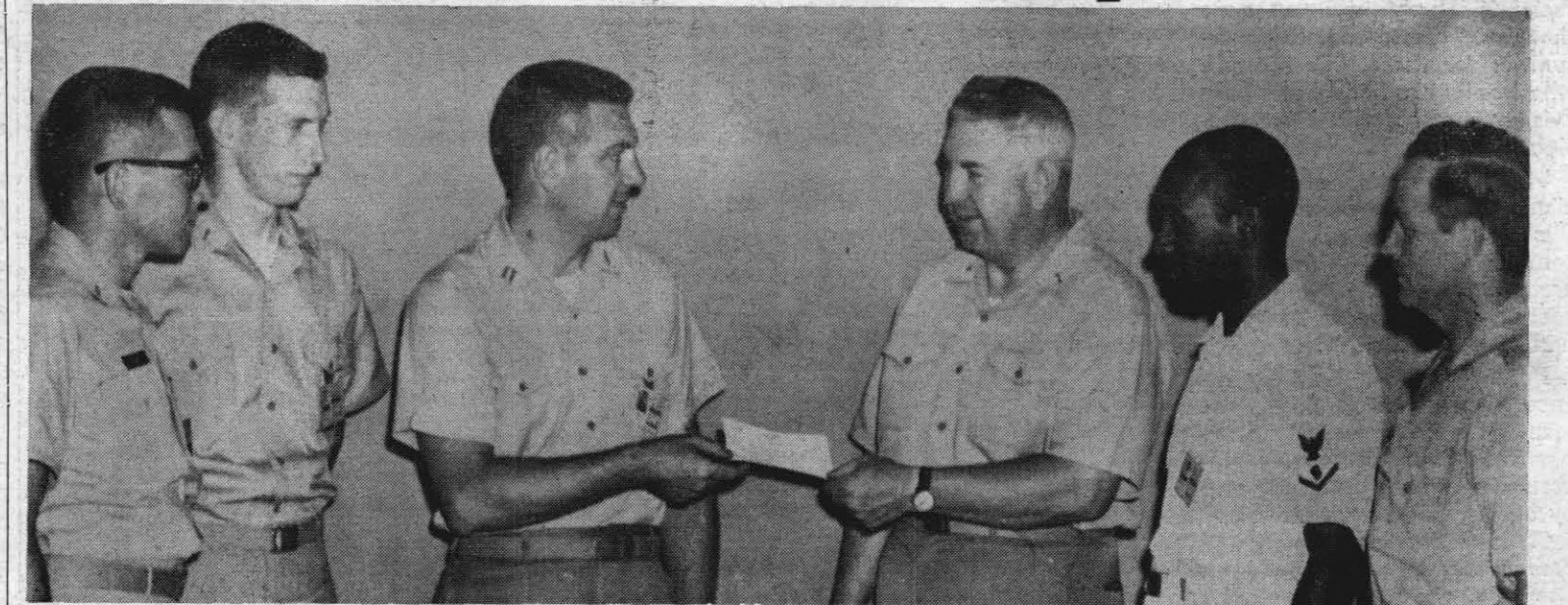
"Care must be exercised that acceptance of speaking engagements and participation in conferences by military and civilian officials is consistent with this policy," the AINav stated.

"Officials should not participate in conferences or speak before audiences where a racial group is segregated or excluded from the meeting or from any of the facilities used by the conference or meeting."

"When requests for participation or speakers are received under circumstances where segregation may be practiced, there is a clear obligation to make specific inquiry as to the practice of the group before acceptance is given."

"If the inviting group expresses a willingness to discuss (Continued on Page 2)

Navy Relief Fund Drive Hits New Record, \$3520



NAF GIVES HIGHEST CONTRIBUTION — Lt. (jg) Stuart Mann, co-chairman, presents \$1582.59 check to Chaplain Robert C. Fenning for Navy Relief. Observing presentation

(l-r) are Lt. Thes Jones, whose Avionics Division contributed \$796, Lt. Robert Kinsella, NAF chairman, Douglas Wilson, PN3, and Chaplain Mark E. Fite.

Chief of Chaplains RAdm. J. W. Kelly Visits Tomorrow

Rear Admiral James W. Kelly (ChC), Chief of Chaplains, is to arrive at China Lake for conferences with the local staff of chaplains tomorrow afternoon.

Admiral Kelly is scheduled to arrive at NAF from Nellis Air Force Base at 3:30 p.m., remaining here until approximately 5:45 p.m.

A visit that evening at NAS, Los Alamitos, will complete his west coast tour, the first since assuming duties as the Navy's senior chaplain.

Navy Establishes New Rate (CYN)

Washington (AFPS) — A new service rating for the Navy has been approved by the Secretary of the Navy.

The new rating, communications yeoman (CYN), is effective for pay grade E-4 only. Duties of the new rating will be primarily clerical in nature with limited work in the operation and control of radio telephone and radio teletype equipment.

Personnel who acquire the communications yeoman rating will wear the yeoman general rating specialty mark on their uniforms.

NAF Contributions Top Society's Big Campaign

A whopping contribution of \$1,582.59 from men and officers of the Naval Air Facility pushed the total contributions for the annual Navy Relief Society fund drive to a new record high of \$3,520.07. This year's contributions represents a gain of \$1,965.64 over last year's collections.

"Military unit representatives, department civilian representatives, including the key contact men, are to be congratulated for a job well done," said Chaplain Robert C. Fenning, drive coordinator and executive secretary of the China Lake Branch.

It is to be noted that VX-5 sent their contribution of \$658.37 directly to the headquarters, Commander, Fleet Air, San Diego.

The purpose of the Navy Relief Society is to assist, financially and otherwise, in times of need, personnel of the Navy and Marine Corps.

Incorporated in 1904, work of the Navy Relief Society is supported entirely by private contributions chiefly contributions from service personnel and civilian friends of the Navy and Marine Corps.

Locally, 111 servicemen and wives were aided financially during 1963. Financial aid granted was \$9,391.10 in loans and \$1,359 in outright grants or conversions to gratuity due to a change in circumstances.

Contributions from the just concluded drive which will aid the Society in carrying on its work are listed as follows:

Organizations
Naval Air Facility, \$1,582.59; VX-5, \$658.37; WACOM Thrift Shop, \$650; NOTS Enlisted Personnel Div., \$205.11; Public Works, \$132.12; Technical Officer's Office, \$91; Medical and Dental Corps, \$68.50.

Central Staff, \$26.05; Anonymous, \$20; Officers Wives Club, \$10.75; Weapons Planning Group, \$9.93; Personnel Department, \$9.65.

Individual Contributions
Capt. and Mrs. Leon Grabowsky, \$20; Mary Jane Allison, \$15; Mr. and Mrs. Marvin S. Terrell, (Continued on Page 8)

Asst. SecDef Briefed on Key Programs

Dr. Eugene G. Fubini, Assistant Secretary of Defense and Engineering, completed a series of conferences with officials here last Friday after a full day of briefings on NOTS programs.

Accompanying the Asst. SecDef were Col. John R. Deane Jr., U.S. Army, executive assistant, and Fred A. Payne, Deputy Director for Research and Engineering.

Arriving at NAF Thursday evening, Dr. Fubini and the other guests were hosted at the Commissioned Officers Mess. On Friday the tour began with introductory remarks by Capt. Leon Grabowsky, ComNOTS, and the film presentation of "Highlights of NOTS Technical Program."

Then, in a series of conferences, the Asst. SecDef was briefed on various NOTS programs including SHRIKE, the MK 46 Mod 1 Torpedo, TIARA, DEEP JEEP, the effects of Ultra-sound on Metal, WALLEYE, CONDOR, and MORAY.

Conducting the briefings were Dr. C. E. Waring, Scientific Advisor to the Technical Director; Dr. N. E. Ward, Head of Aviation Ordnance Dept.; D. J. Russell and R. J. DeMarco of (Continued on Page 2)



ASST. SECDEF Dr. Eugene G. Fubini (second from right) is briefed on NOTS' Deep Jeep Program during tour here last Friday. With him are (l-r) Dr. Newt Ward, Head of Avia-

tion Ordnance Dept.; Capt. Leon Grabowsky, ComNOTS; H. G. Wilson, Associate Technical Director, and Col. John R. Deane Jr., U. S. Army, Exec. Assistant.

CROSSWORD PUZZLE

Answer to Previous Puzzle

ACROSS
1-Contaminant
4-Speed
8-Decay
12-Mohammed, an name
13-Up to the time of
14-Easton
15-Scottish cap
16-Walk
17-Tit
18-Place in position
20-Maiden loved by Zeus
21-River in Italy
23-Short sleep eating
23-Limb
28-Roundness
32-Expire
34-Click beetle
36-Graceful bird
38-Inhabitant
39-Suffix; like
40-Puts up
41-Suffix; adherent of
42-Conjunction
44-Printer's measure
48-Shuts noisily
47-Word of sorrow
50-Scored
51-Conjunction
54-Dampen
55-Platford
56-Sign of zodiac
57-Allow
58-Domesticates
59-Female sheep

DOWN
1-Flying mammal
2-A state (abbr.)
3-Spirit (colloq.)
4-European cavalryman
5-People living in opposite portions of the earth

6-Let it stand
7-Gratuity
8-Spanish article
9-Greek letter
10-Lubricate
11-Golf mound
17-Cow
19-Preposition
20-Electrified article
21-Spanish for "father"
22-Bay window
24-Fenced-in ground surrounding a dwelling
25-New Zealand bird
26-Babylonian hero
27-Unit of force
29-Tableland
31-Measure of weight
33-Locations
37-Lair
38-Looks fixedly
42-Printer's currency
45-Juncture
46-Transaction
47-Carpenter's tool
48-Recent
49-Female deer
50-Salat (abbr.)

REACH MANOR
RETIRE ABIDED
OG MARC TILE
AIL MORAL NIL
ROLE NOTES SA
SNAPS WEALTHY
LEADERS SPARK
EM ELITE SERE
ABA ENATE DOW
SELL BARS DT
TRAILS NIECES
STEGE ACTED

1 2 3 4 5 6 7 8 9 10 11
12 13 14
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18 19 20
21 22 23 24 25 26 27
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From _____

PLACE STAMP HERE

TO _____

CHAPLAIN'S MESSAGE

A Retirement I Remember

By CHAPLAIN ROBERT FENNING



You sometimes hear the professional military man speak longingly about the grand day when he can quit and go fishing. He seems anxious to retire. But, when the day comes, you can tell it is not quite as jubilant an occasion as one might expect.

In fact, it is always a moving experience, for retirement marks the end of a way of life. It is bound to tug at the heart strings.

We have seen admirals and generals meet the melancholy moment. Troops parade and planes zoom in to render their fleeting honors. However, no ceremonies have been more impressive or well planned than the ones we have recently witnessed here at China Lake.

Perhaps the most unique ceremony in our memory took place in the parking lot adjacent to the old Marine Barracks late in November of last year.

It marked the retirement of an enlisted man who, had it not been for the sensitive and responsible foresight of LCdr. L. B. Shults, U.S. Navy, Commanding Officer of NOTS Enlisted Personnel Division, might have been handed his retirement papers by some office clerk without any ceremony at all.

The man was one of those unfortunate people who had not quite reached the top by the time of retirement. And, it isn't always incompetence that puts such in that twilight zone of success. They call it the breaks of the game.

Manuel Magdalena Maya was a Hospitalman First Class upon retirement. He was a pleasant, big man. He was a bachelor and there were no members of his family to witness the ceremony that took place.

A few corpsmen, the Senior Medical Officer and a handful of civilian people who worked in Special Services were there.

Cdr. Shults arranged to have a letter of commendation read at the ceremony. A portion of the letter is quoted here:

1. Upon your transfer to the United States Naval Fleet reserve, Class P-6, effective this date, I wish to take this opportunity to commend you for your long and faithful tour in the United States Navy.
2. During the many years you devoted to your country you served aboard numerous combatant vessels and at varied duty stations within and outside the Continental United States. During the period of the Cuban Crisis you volunteered and were accepted for service with the Fleet Marine Forces. During World War II you served with a Marine Raider Battalion during a landing on Puruata Island, British Solomon Island. During this landing although painfully injured you courageously disregarded your own safety to administer first aid to your wounded comrades thus earning you both the Silver Star and the Purple Heart.

They served coffee and cake afterwards. To our knowledge no pictures or story appeared in the papers about it because a day or so later, the papers were full of another story.

The President of the United States had been slain.



MANUEL M. MAYA, HM1, as he received his retirement papers from LCdr. L. B. Shults last November.

The Rocketeer

Official Weekly Publication of the U. S. Naval Ordnance Test Station China Lake, California. Captain Leon Grabowsky, USN Station Commander. "J." Bibby Public Information Officer. Jack G. Broward Editorial Advisor. Richard Gruenberg Editor. Budd Gatt Associate Editor. Frederick L. Richards Special Assignments. Bill Borgstadt, Sports DEADLINES



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. 6 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. Inlitarion Fellowship (Parish Hall) Fellowship Meeting—Sundays, 8 p.m.

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.

Administrative Officer, GS-361-12, PD 065-001, Code 131—Position is that of assistant to Head, Community Relations Office, under the Station Executive Officer. Primary functions are: (1) Conducting studies and the development of recommendations with respect to many and diverse aspects of community planning, establishment of community management policies, etc.; (2) Incumbent will serve as a principal assistant to the Head of the Community Relations Office in investigating, resolving, or recommending solutions to day-to-day community administration problems. Acts as Head of Office in supervisor's absence.

Experience Required: Six years administrative experience with demonstrated ability to perform administrative assignments in the position above; three years must have been experience involving directing operating programs and executing policy, and experience involving service functions such as personnel administration organization, and methods examining, budget administration, etc.

File applications for above with Janet Thomas, Bldg. 34, Room 26, Phone: 72723. Clerk (DMT), GS-4, PD 250096, Code 501—Prepares correspondence, reports and forms from rough draft or dictated recordings, assists in editing and revision of manuscripts, publications, and performs miscellaneous clerical duties as required.

Qualifications: Two years experience in clerical work including transcribing from dictating machine. Typist duties may be substituted for transcription experience.

File applications for above with Joanne Knutsen, Bldg. 34, Room 26, Phone 72674. Clerk-Typist, GS-316-4, PD 055039, Code 5525—Incumbent types a variety of formal and informal reports, correspondence, memoranda, etc. Receives phone calls and officials and directs same to cognizant persons.

File applications for above with Dora Childers, Bldg. 34, Room 32, Phone 72032. Deadline for filing is July 24.

NAVY OVERSEAS VACANCIES

Cuba—Sup. Civil Engineer (General), GS-810-12; Civil Engineer (General), GS-810-11. File applications for above with Navy Overseas Employment Office (Atlantic), Headquarters, Potomac River Naval Command, Washington, D.C. 20390.

Guam—Position Classification Specialist, GS-12; Electrician (Power Plant); Elevator Mechanic.

Philippines—Sup. Shipment Asst., GS-7; Philippines—Sup. Shipment Asst., GS-7; Chief Quartermaster Machinist (Marine). File applications for above with Navy Overseas Employment Office (Pacific), Federal Office Bldg., 50 Fulton Street, San Francisco, Calif. 94102.

RAdm. Chrisman Joins Red Cross

Washington (AFPS) — Rear Adm. Allan S. Chrisman, USN (MC), (Ret.), has been named associate medical officer of the American Red Cross (ARC).

Prior to his retirement from the U.S. Navy in June, Admiral Chrisman served as assistant chief of the Navy Department's Bureau of Medicine and Surgery.

In his new position, Dr. Chrisman will assist Dr. Sam T. Gibson, senior medical officer of the Red Cross.

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



NEWEST LIEUTENANT on Station is Phil A. Miller, Associate Head of Guidance Radar branch, who gained promotion last week. Wife Doris is assisted by Capt. F. F. Reck, in pinning new rank insignia in place.

Cost Reduction Program Far Exceeds Goal - DOD

Washington (AFPS) — Secretary of Defense Robert S. McNamara has reported to President Johnson that the Defense Department's Cost Reduction Program for Fiscal Year 1964 exceeded its goal by \$1 billion.

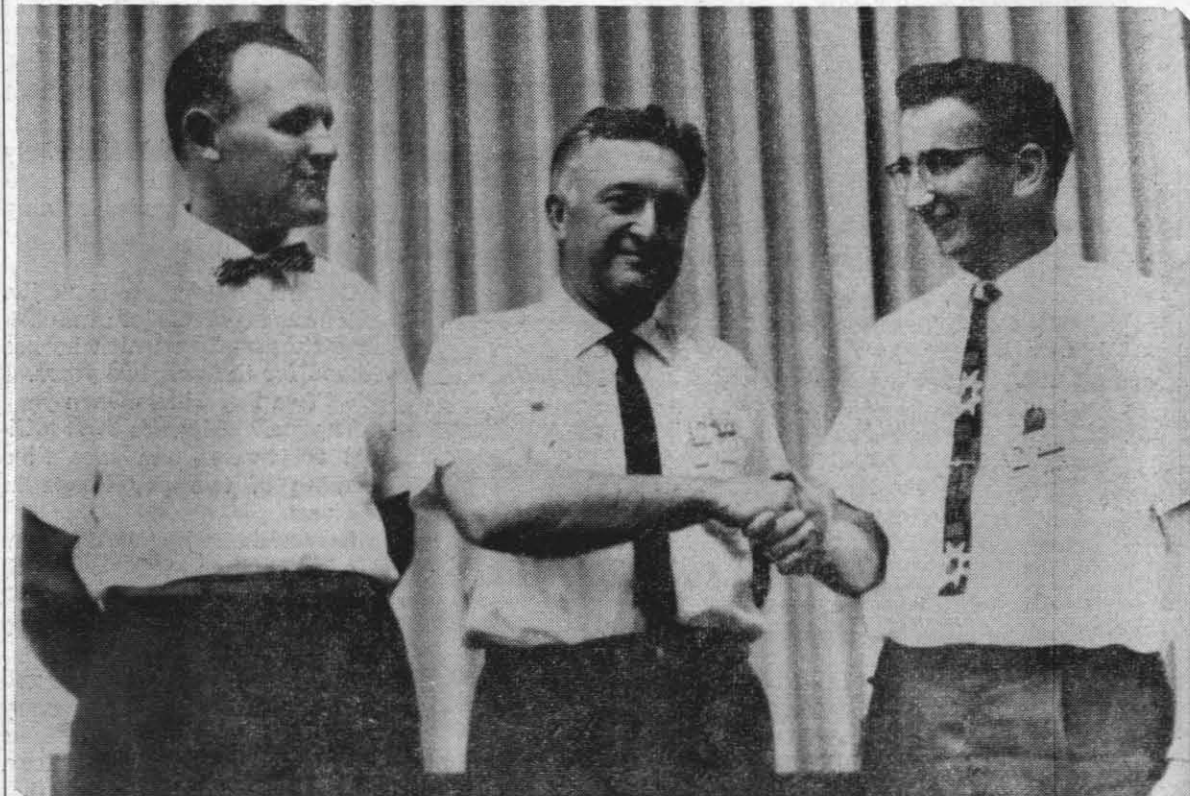
Secretary McNamara made the disclosure in his second annual progress report on the program. He told the President DOD realized savings of \$2.5 billion during FY 1964, compared with an original forecast of \$1.5 billion.

The Secretary also announced a new long-range savings goal of \$4.6 billion a year by FY 1968 — an increase of \$600 million per year over the previous objective.

No Adverse Effect Secretary McNamara assured the President the savings "were being achieved without any adverse effect on our military strength and combat readiness."

The cost reductions were accomplished, the secretary said, by following a three-part program of action: (1) buying only what is needed to achieve balanced readiness, (2) buying at the lowest sound price and (3) reducing operating costs through termination of unnecessary operations, by standardization and by consolidation.

The third key objective of the program, reducing operating costs, resulted in savings of more than \$650 million. The Secretary said this figure includes 126 new actions to close unnecessary Defense activities.



UCLA GRADUATES CONGRATULATED—H. G. Wilson, Assoc. Technical Director, congratulates Joe Mosko, Code 4021, and Steve Lee, Code 4535 (left), on receiving MS degrees in engineering from UCLA. Others who received degrees but were not present for picture were William J. Stronge Jr., Code 3072; William H. Smith, Code 4044; and George Barnes, Code 12. A total of 30 Station employees have received UCLA degrees.

Navy Exchange Child Care Center

That Was The FESTIVAL That Was!



In the group above are Diane and Kathy Johnson, Richard Dye, Lisa and Chris Montross, Randy Radcliff, Sister and Bobby Brunson, Sparky Holeman, Kim McKnew, Maryland LaComb, Mike Dye, Dana and Denise Baker, Kari, Paul and Lori Grabowski, Steve Kaufman, Dana Harris and Blair Hoppe. Teachers are Jean Fluckinger and M. Rogus.



MOLLY HOLEMAN claps hands to tempo of music.

At the Navy Exchange Child Care Center they called it the Summer Festival Hard Times Party, but nearly 100 youngsters had nothing but a good time, giggling at each other's costumes, playing story book games, clowning with the clowns, doing the Twist, releasing helium-filled balloons, sharing gifts, winning prizes and enjoying refreshments.

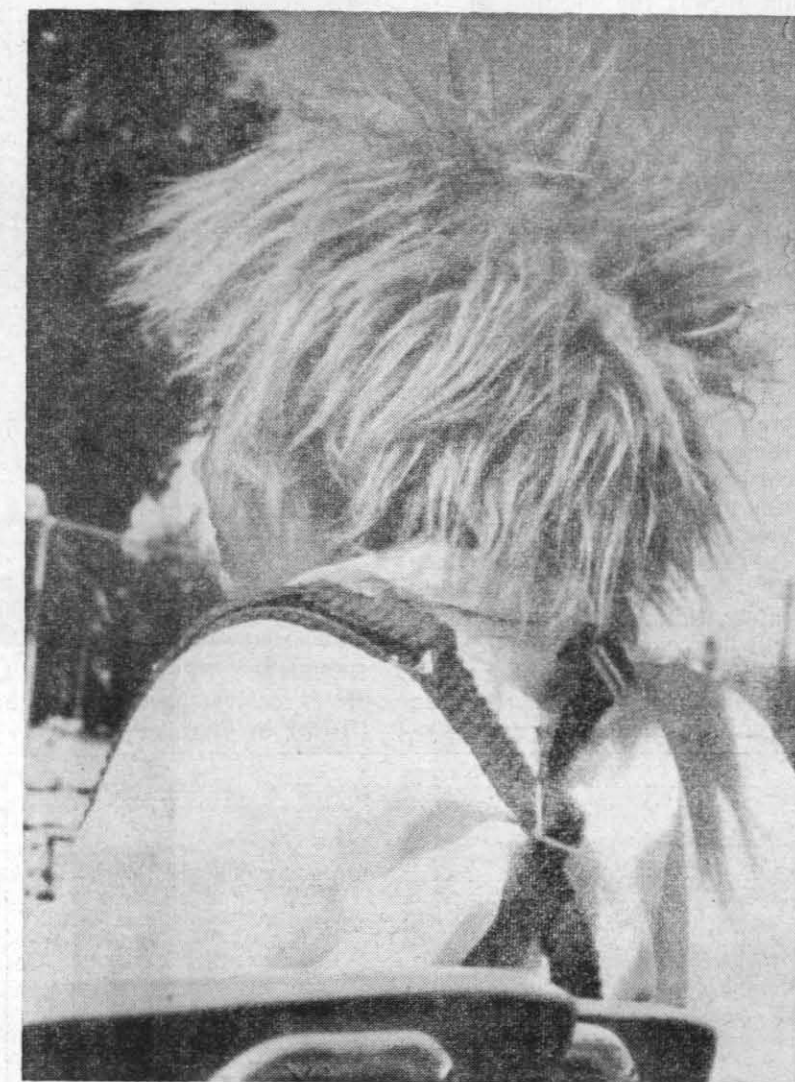
Music Makers



PROVIDING MUSIC at the festival were Bill Cassaroli, guitar; Rick Olson, piano (brother Robert also played piano); Quentin Dalton, guitar, and Steve Roberts, drums.



NANCY IGOU wonders if she'll ever dance like that!



Above, Kevin Knipe seems to wonder if that balloon is going to explode in Marion Simmons's face. At left is Krina Knipe, and at right, Pam Poppen and Tracy Zwesky. Teacher is Maryland Rogers.

Prize Winners

FIRST PRIZE for most unusual costume was won by Marilyn La Comb (left) whose coiffure seemed most appropriate for Beatle-type twist music, eh?



JOHN SAMPSON won prize for his clown outfit.



DAVID DOLLOFF'S pirate costume was winner, too.

News Stories—Tues., 4:30 p.m. Photographs—Tues., 11:30 a.m. The Rocketeer receives Armed Forces Press Service material. All are official U.S. Navy photos unless otherwise identified. Printed weekly with appropriated funds in compliance with 50 King St., Bldg. 00729. Phone—435-2155, 71555, 72082.



BOB EVANS, a test mechanic in the Ballistics Section, displays the modern design home constructed for new Morris Dam tenants.

NOTS Pasadena

VIRGINIA E. LIBBY — EXT. 638

Personnel Statistics

New Employees
Public Works — Wm. S. Minor, Jr., Frank M. Neese, and Walter R. Saber, electricians; Elizabeth B. Roche, Secretary-Steno.

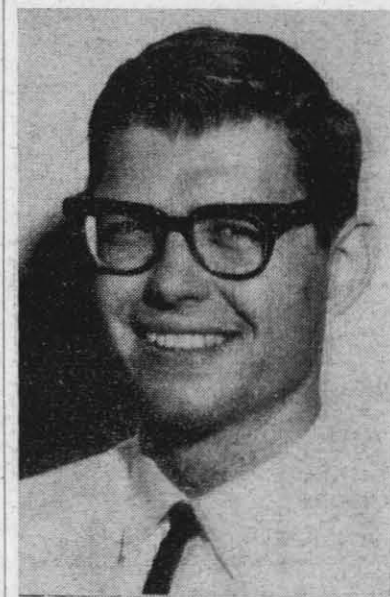
Terminations
Public Works — Valois C. Melville, Electrician.

PROMOTIONAL OPPORTUNITIES

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

Contract Specialist, GS-11 PD: 4P25007-1; Code P256; — Duties include contract programming of a special project assigned to the Underwater Ordnance Department.

Annex JP Wins Honeywell Award



RONALD LARSEN JR.

Ronald Larsen, Jr., presently with the Pasadena Annex Junior Professional Program, recently graduated with highest honors from California Institute of Technology.

In addition to a degree in electrical engineering, he received the 1964 Honeywell award which is presented for individual performance in undergraduate engineering and science.

Presented by the Minneapolis-Honeywell Co., the award consists of \$200 in cash and the inscription of his name on a plaque in the Franklin Thomas Laboratory.

Ron, who transferred to Cal-Tech from Occidental College two years ago, has earned nearly a straight A average, and ranks first in scholarship among graduating engineers at Cal-Tech.

He is a member of Phi Beta Kappa and Tau Beta Pi.

As part of the JP program, he is presently assigned to the Guidance Branch, making environmental tests and doing follow-up design on a calibrator for a special submarine installation.

Born in Inglewood, California, Ron and his wife, Joan, presently reside in Pasadena.

NOTS Wanted For Met's Farm Team?

By C. H. McIntyre
Is it true that the Mets are interested in the NOTS ball team for their farm system? The NOTS team seems to meet the Met's standards with a lost 5, won 1 record.

While NOTS is not winning games, there are some grandstand type players in action. The fantastic John Groves at first base with his famous cartwheel and backsliding catches is a sight to behold. He has even had one or two hits this year!

One player even uses a garbage bag for a glove. Ray Brooks maintains that his garbage bag is much more reliable than a glove!

We would like to thank our loyal score keepers — Barbara for their help. They must have a strong constitution to witness the constant trouncing NOTS receives!

Last year's score keeper, Maxine Talbot, has been so helpful to our new score keepers, we even forgave her for switching to Little League.

Next scheduled game is with the Side Door Scottsman Tuesday, July 21, at 7 p.m. All games are played at Brookside Park.

Up to Lt.

Reporting to NOTS in January this year as Lt.(jg) L. J. Tritz, he received papers this week certifying his promotion to Lieutenant.

Lt. Tritz, Sea Operations Officer at Long Beach, reported to NOTS from duty as Main Propulsion Assistant aboard the USS Princeton.

His 18 years naval career includes service during the Korean Conflict where he served aboard the USS Hector and several destroyers.

Lt. Tritz resides in Garden Grove with his wife, Theresa, and their three children.

Honor Thresher Fund Founder

Washington (AFPS) — Secretary of the Navy Paul Nitze, recently honored a Boston mother of five who "adopted" the 194 children left fatherless by the loss of the submarine USS Thresher.

Mrs. Valentine Hollingsworth Jr. received a Certificate of Appreciation from the Navy Secretary in recognition of her efforts as founder and chairman of the Thresher Memorial Fund.

Established in April 1963, shortly after the submarine was lost with 129 men, the fund is designed to provide financing for the higher education of Thresher dependents, 11 of whom were born after their fathers had died.

When Better Beehives Are BILT-

Things are buzzing at Morris Dam these days, things like bees. When first discovered, they weren't particularly annoying and didn't occupy much space but it was the location of the space that was disturbing — inside the fire hose cabinet.

This could be a problem, so steps were taken to evict the busy little tenants. A nice size "bee box" was located, and with a bit of remodeling, moving day arrived.

The queen bee was maneuvered into her new home and the troops followed shortly thereafter.

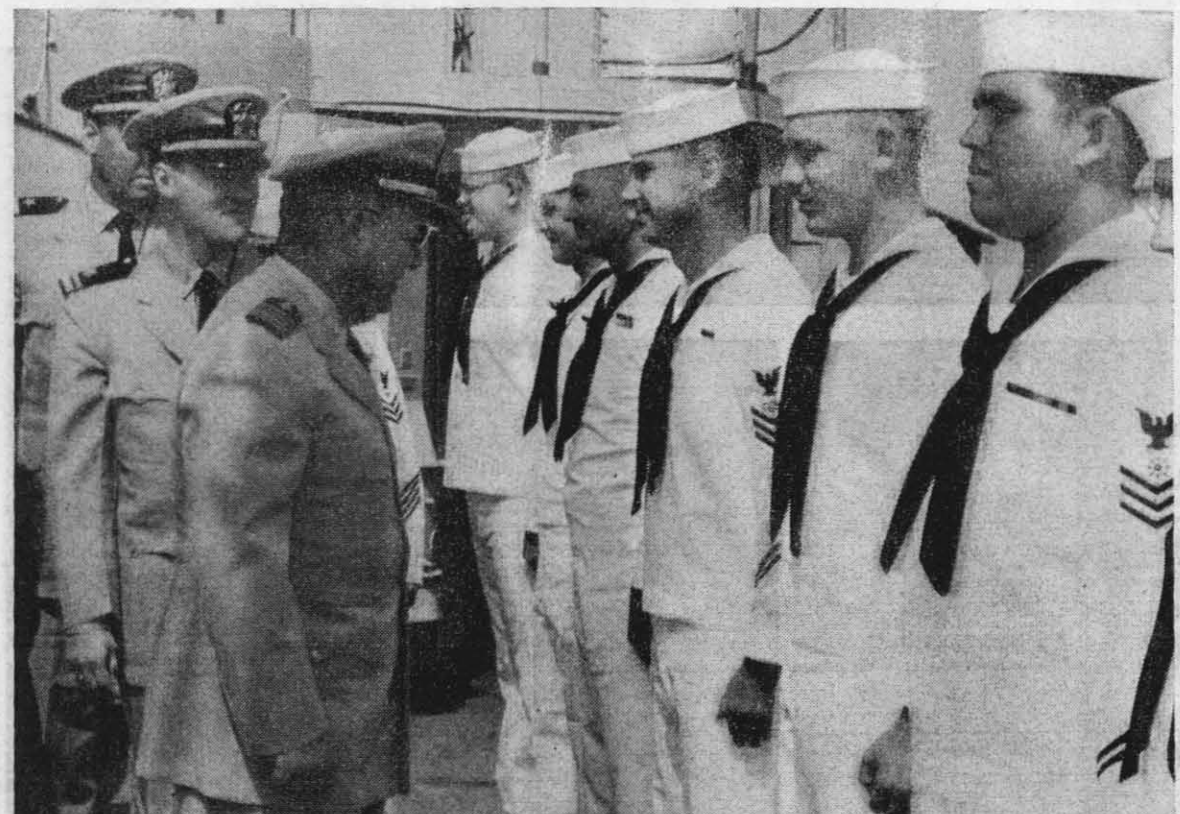
Secure in their new home, located against the VAL, the little buzzers happily hum while pursuing their life's work, giving little indication they have been disturbed.

According to Bab Evans (and the picture), the little "entrance" sign over the opening at the bottom of the box isn't completely ignored by the winged workers, but good use is also made of the little holes drilled for that purpose through-

out the box. Now everything is A-OK and honey gathering season is eagerly anticipated.

Formula for Life Expectancy

If you are curious to know how much longer you will live, use this simple formula. Subtract your present age from 80. Multiply the difference by 7. Divide the answer by 10. According to life insurance tables this method gives a measurable idea of how much time the average person has left. But does it? Driving safely, walking safely, thinking safety . . . these will help you get the most out of life, while giving you a much better chance to beat the life insurance formula.



CREW MEMBERS aboard the USS Butternut (AN9), stand at attention during personnel and material inspection conducted by Capt. G. H. Lowe, Officer in Charge, NOTS Pasadena. The WW II net layer, serves as support ship for the Polaris Pop-Up Program and

other Naval Ordnance test projects. Accompanying Capt. Lowe are Lt. (jg) J. C. Toland, Butternut Executive Officer (left of Capt. Lowe), and Lt. W. R. Watkins, Long Beach Sea Range Officer (extreme left).

Nellis AFB Officials Tour NOTS Facilities

Air Force Wing Commander, Colonel G. B. Simler, and a party of officials from Nellis Air Force Base, toured NOTS facilities and witnessed presentations during a day-long visit to China Lake Wednesday.

Included in the group was Colonel J. C. Hare, Commandant of the Fighter Weapons School.

Welcomed by Captain Leon Grabowsky, ComNOTS, the visitors were briefed on NOTS' Freefall program by Dr. M. M. Rogers and heard J. S. Brugler give a presentation on the Wall-eye program during the morning hours.

Lieutenant Commander H. E. Rutledge was scheduled to present a briefing on the Coso Range operations in the early afternoon with discussions concerning VX-5 and additional presentations on the Shrike program to follow.

Participating in the latter presentations were Leroy Riggs and Commander R. A. Hoppe.



NELLIS AFB VISITORS — Col. B. G. Simler, USAF, Wing Commander, and Col. J. C. Hare, USAF, Commandant of Fighter Weapons School at Nellis Air Force Base, Nev., are greeted by Capt. Leon Grabowsky, ComNOTS, as they arrive Wednesday.

'Twas Hot Sunday And Monday, But No New Records

If you thought it was hot last Sunday and Monday, you were right, but no records were broken.

The maximum on Sunday was 108 degrees — the highest reading here so far this year — and Monday almost equalled it with 107. Humidity registered 14 to 15 per cent.

But, looking back in the records, the Atmospheric Studies Branch (Code 3069) reports that the hottest times around here were in June, 1954 and '61, when the thermometer recorded 114 degrees. Warmest July readings — 113 — occurred in 1959 and '60.

Temperatures continued below normal last month with an average maximum of 93.1 degrees, average minimum of 59, and a mean of 76. Norms are 95.3, 64.1 and 80.

The highest temperature recorded was 107, and the lowest 48.



NEW COMMUNICATIONS OFFICER, Lt. James E. Benninger reported to China Lake this week for new duties, relieving Lt. Harry L. Brundridge, who has been assigned to Navy Communication Station, Guam. Newly arrived officer reported here from Naval Communications Station, Hawaii. A former enlisted man who entered the Navy 23 years ago, Lt. Benninger and his wife, Jeanne, have two children, James E., Jr., 18, and Linda Lee, 11.

Fleet Reserve Assn. To Install Officers Sunday

New officers of the Fleet Reserve Association, Branch 95, will be installed Sunday, July 19, in ceremonies at the Acey Deucey Club beginning at 4 p.m.

Installing officer will be George E. "Tommy" Thompson, a past-president of the branch and its chaplain-elect for the coming year.

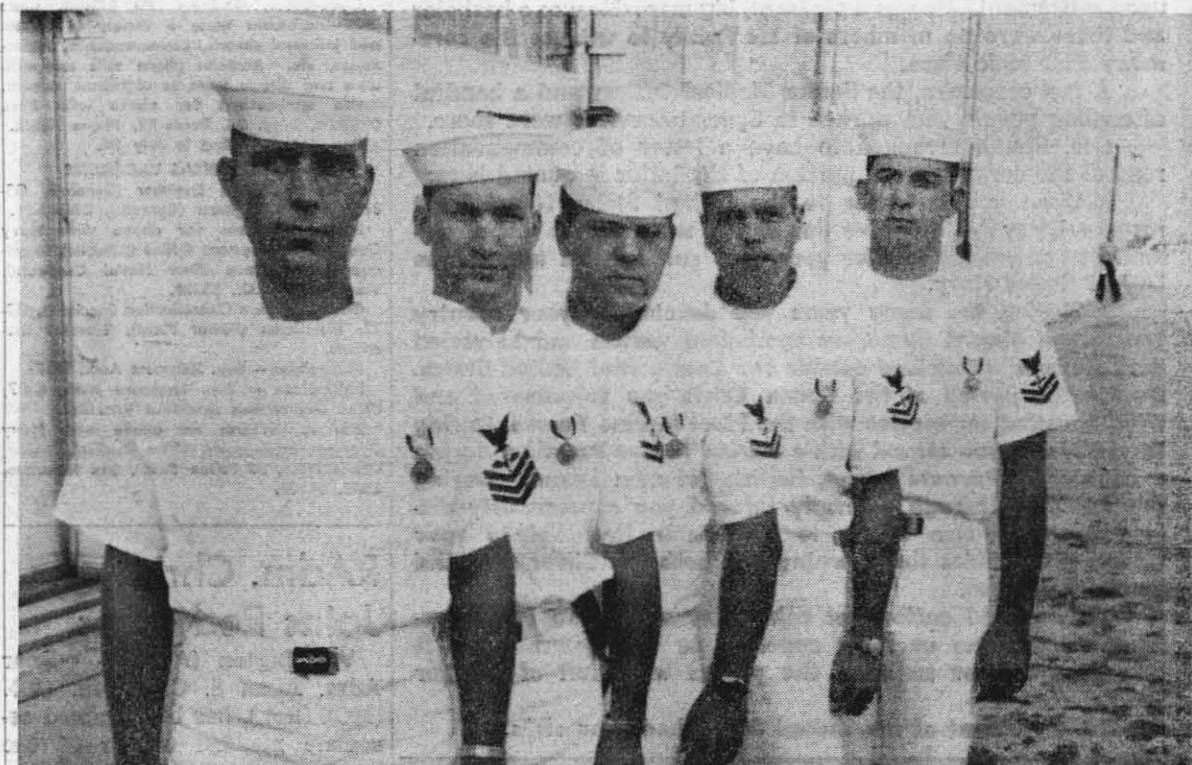
Thomas L. D. Terrebone will be installed as president; Jake Porter, vice president; Jim Creasy, secretary - treasurer; John Haug, Jim Wheeler, George Stands, George Schneider and Terry Driver as directors. Driver will serve as installing master-at-arms.

Presiding at the installation of officers of the Ladies Auxiliary FRA Unit 95 will be Nancy Bizon, past Unit president; Martha Stalnaker, marshal, and Willa Matthews, master-at-arms.

New officers of the unit are Moneta Terrebone, president; Verna Wheeler, vice president;

Grace Driver, secretary; Dorothy Stands, treasurer; Phalba Hatzenbuehler, chaplain; Grace Driver, junior past president; Martha Stalnaker, sergeant-at-arms; Rose Thompson, historian; Lorraine Porter and Mary McClendon, color-bearers; and Directors Rose Thompson, Mary McClendon, Shirley Schneider, Phalba Hatzenbuehler, and Lahoma Haug. Vice-president-elect Verna Wheeler is a past unit president and a past national historian.

Buffet dinner will be served by the Acey Deucey Club following the ceremonies.



DEEP-FREEZE VETERANS now based at NAF were presented Antarctic Service medals by CO, Capt. Robert R. Yount. From left: Richard W. Hyatt, AG1; Francis J. Nadeau, ET2; Lawrence F. Mann, ET2; Robert

C. Krouse, AG2; and Recie A. McClinton, ADJ2. Service by quintet was performed since 1960. Light blue materials used in newly issued medal is accompanied by service ribbon.

WEPTU 774 Command Change

Capt. A. B. (Bard) Monson of Central Staff relinquished command of the local Bureau of Naval Weapons Training Unit (WEPTU) 774 to Cdr. James B. King of the Test Department this week.

Skipper of the unit since July of 1961, Capt. Monson will continue in the Bureau's Training Program at the Naval Air Station at Los Alamitos.

Cdr. King steps up from the executive officer's slot of the 26-all officer unit in which he has served for the past two years.

Two Pay Billets Open

The new skipper's first official act was to announce the opening of two pay billets in the unit.

Reservists with designators 1105 1300XX or 1455 (Now 1515) 15XX who wish to join the unit are asked to contact Cdr. King at Ext. 71644.

The unit meets the second and fourth Wednesday of every month at 1900 in Conference Room B, Michelson Laboratory.

Cdr. King pointed out that the unit provides the reserve officer with opportunities to both broaden and update his knowledge in the many and varied aspects of naval weapons.



SUSTAINED SUPERIOR PERFORMANCE Award is presented by Dr. G. S. Colladay, Head of Weapons Planning Group, to Dee Gates for her consistent outstanding performance as Writer-Editor. Commendation points out that she showed a high degree of competence processing high priority reports and other data, a task which normally would require the services of two editors.



WEPTU 774 COMMAND CHANGE — Capt. A. B. (Bard) Monson transfers unit's paper work to incoming skipper Cdr. James B. King. Capt. Monson commanded unit from July, '61 to present.

One of 29 Sightless Programmers in U. S. Industry

Middleton Shows What Blind Computer Programmer Can Do

Transcribes Information Into Braille

Ralph W. Middleton may be riding the crest of another "scientific breakthrough," one that could create endless opportunities for those, like himself, who legally are blind but whose "vision" isn't limited to eyesight.

The 24-year-old mathematician returned to China Lake this month from the national convention of the National Federation of the Blind where he spoke on "Computer Programming for the Blind."

He believes his own experience here at China Lake, the techniques and methods he applied in learning computer programming, could be duplicated by others who are sightless.

"It is difficult for the sighted person to appreciate the significance of my experience here," Middleton commented.

"But, to the blind person who possesses the ambition to advance himself and contribute to society, I believe it is truly a 'breakthrough.'"

One of 29 in Nation The father of a 14 months old son, Shawn, Middleton came to NOTS three years ago following graduation from Lewis and Clarke College. Today his is one of 29 blind computer programmers working in U. S. industry.

The IBM 7094 computer, a million-dollar device and one of the industry's most sophisticated computers, is used extensively in Ralph's work.

He was employed here as a Junior Professional in 1961 and assigned to Data Computation Branch, Test Department, to work under R. H. Bracken.

"Ralph is equal to any programmer in our unit."

"More important, I think he is happy in his work, a feeling that contaminates others!" Bracken reports.

At Phoenix Conference

Speaking to his audience gathered at Phoenix, Ariz., recently, Middleton qualified the importance of computer programming as an introduction to his talk.

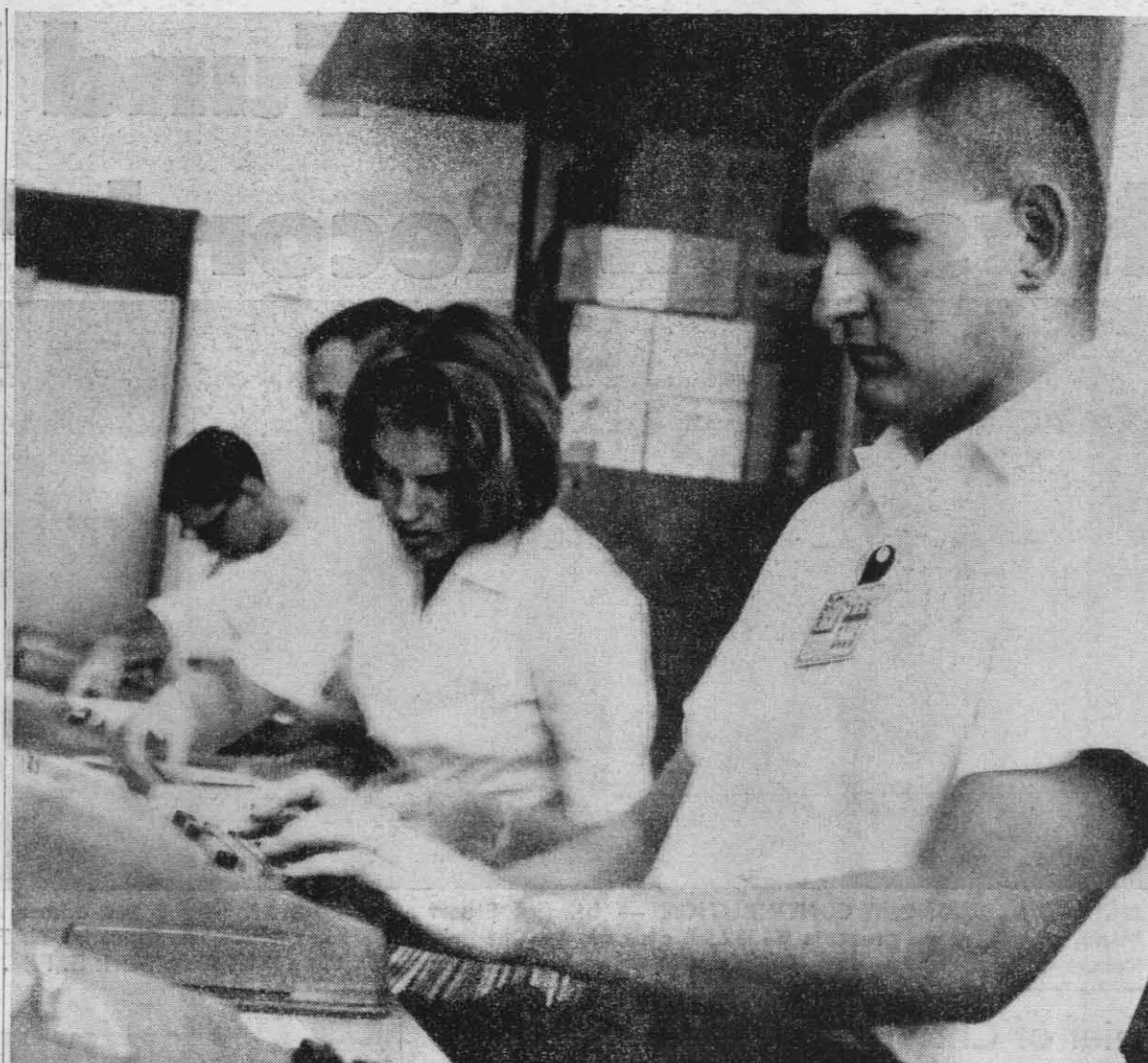
"A person must truly believe that his work represents a contribution before he can develop the proper ambition to progress and advance himself," he theorized.

"In an age when we contemplate a manned lunar landing and speak casually of launching satellites into orbit around the earth, one of our most useful and essential tools is the electronic computer," he told some 1,000 sightless persons at the convention.

His talk basically concerned the methods and techniques of learning computer programming for the blind.

"I believe the blind are particularly gifted for this kind of profession. The environmental orientation that is so essential for those lacking vision is a unique requirement for computer programming," he added.

In the very early stages of his learning processes, Middleton described how he used a recorder to tape the instructor's



MIDDLETON HANDLES key punch machine with ease of sighted operators, transcribing computer language onto data card. Personnel in background are Jackie Lieninger (Station WEP student), Cliff Chandler and Owen Harris.

remarks and, at a later time, transcribed this information into Braille.

"When I was asked to familiarize myself with the contents of several manuals, I followed a similar procedure. My wife, or on occasion, my supervisor, recorded the material so that I could abstract it into Braille at my convenience."

He noted in his talk that, as he progressed in his learning phases, "my work became no more difficult than it was for others who had completed a comparable period of training."

Faced with the necessity for card-punching his programs to be fed into computer machines, Middleton elected to punch his own cards rather than have them processed by others.

"I felt that by going directly to the cards, I would be eliminating the typing process normally used in advance to the punching operation."

Until recently, little organized thought has been given to the possibility of training and employing the blind as computer programmers, according to Middleton.

An effort was undertaken, however, at the Medical Computing Center, University of Cincinnati, in 1963 to investigate the feasibility of the idea.

Plan Placement In conjunction with the effort underway at Cincinnati, the Association for Computing Machinery has appointed a committee to facilitate training and placement of blind persons in professional computer programming.

"The days when blindness was associated with a lonely figure sitting on a street corner with tin cup in hand, are gradually falling away," Middleton claims.

"I believe that the advent of the electronic computer and its increased use, can hasten that retreat!"



FINAL PHASE in programming is viewed as it comes off IBM 407 in readable form. Supervisor Robert H. Bracken, head, Data Computation Branch, reviews work with Ralph.

Civil Rights . . .

(Continued from Page 1)

modification of its practices for the occasion, obviously the Department should cooperate in such efforts.

"The Department of Defense will not sponsor, support or financially assist, directly or indirectly, any conference or meeting held under circumstances where participants are segregated or are treated unequally because of race.

"If the objectives of the Federal Civil Rights program would be better served thereby, an exception to this policy in a particular case may be granted, subject to approval, in advance, by the Secretary of the Navy."

The message noted that this policy would remain in effect and will be included in the Public Information Manual.

Dr. Fubini . . .

(Continued from Page 1)

Weapons Development Dept.; C. G. Beatty, Underwater Ordnance Dept.; Dr. E. Langenecker, Research Dept.; W. R. Forman, Engineering Dept., and W. H. Woodworth, Aviation Ordnance Dept.

Following a general discussion with management personnel, Dr. Fubini and his party departed the station late Friday afternoon.

Federal Group Ins.

The Federal employee group life insurance program will celebrate its 10th anniversary in August. By that time an estimated \$800 million will have been paid beneficiaries of deceased employees and annuitants. About \$10 million a month is being paid beneficiaries.

Special Services Notes

This is a new column in which we will attempt to keep you informed of available recreation programs, both on the station and the surrounding areas. Any suggestions for this column will be received at the Special Services office, Ext. 71791 or 72017.

Summer Hours at the Swimming Pool: 1 p.m. to 5 p.m. and 6:30 p.m. to 8:30 p.m. Daily, except Friday.

Discount cards are available at the Community Center from 8 a.m. to 4:45 p.m. for Disneyland, Marineland, Hollywood Paladium, Hollywood Bowl, Greek Theater and many other special events. Of special note are the discount tickets for the Ringling Bros. Barnum and Bailey Circus at the Los Angeles Sports Arena for July 22, 23, 27, 28, 29 and 30.

New Disneyland cards were made available June 1. Be sure to get a new card if you have not already done so. This card entitles the bearer to special values, not available to the general public, for various coupon ticket books at the gate. Disneyland is open every day from 9 a.m. to midnight.

Also available at the Community Center is information on shows playing in Las Vegas and Reno. Phone 72010 for further information.

The softball season has approximately 3 more weeks of play and the race is neck and neck. For an interesting evening drop by the Beer Hut diamond any Monday, Tuesday or Wednesday and witness one or two of these exciting games.

Special Services Activities Hours

Auto Hobby Shop
Mon., Tues., Wed., Fri. 5-9 p.m.
Thursday 5-9 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, Thursday, Friday 11 a.m.-1 p.m., 3 p.m.-5 p.m.

Golf Course
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 Closed
Saturday 1-5 p.m., 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.

Colt League All-Stars



CREAM OF THE COLT LEAGUE—Players selected this week to the All-Star squad pose with team officials. Kneeling (l-r) are Dean Smith, Dave Luzinas, Tom Hibbs, all of the Colts; John Martin, Dodgers; Herb Pinto, Giants; Warren Turnbaugh, Angels; Buddy Phillips, Giants; and Mike Lowe, Angels. Standing (l-r) are Bill Borgstadt, manager; John Manger, Colts;

Steve Metcalf, Giants; Ted Sprouse, Colts; Barney Franich, Angels; Bill Byrd, Angels; Tom Clow, Colts; Albert Hyles, Giants; and Dave Martin, coach. Local All-Stars will meet Barstow Colt All-Stars here on July 24-26 in the best 2 of 3 games; and Dave Martin, coach. All-Stars meet Barstow Colt All-Stars here July 24-26 in the best 2 of 3 game series.



SPORTS REVIEW

BY BILL BORGSTADT

This week wraps up league play in the Pony and Colt Leagues, but there is still some good baseball to come. Tonight, the Angels play the Colts, game time is 8 p.m. at Schoeffel Field. This should be a real good ball game as the Angels won the first half of the season, Colts placing second, and the two teams were tied for the second half as play began this week.

SPONSORS' NIGHT THIS SUNDAY
Don't forget Sponsors' Night this Sunday evening which will feature a doubleheader of Pony League All-Star and Colt League All-Star games. First game is at 6 p.m. See sponsors' night story on this page for details.

LL MAJORS GO TO BORON JULY 24, 25
In coming tournament play, the Little League Majors All-Star team will journey to Boron for a 4-team, single elimination Area Tournament on July 24, 25. China Lake will then host the District Tournament here on July 30, 31 and August 1.

BARSTOW COLT ALL-STARS HERE JULY 24, 26
The Colt League All-Stars host Barstow in the best 2 of 3 games here on July 24, 26 for a spot in the District Tournament at Ontario. Game time is 8 p.m. at Schoeffel Field.
BARSTOW PONY ALL-STARS HERE JULY 27-29
The Pony League All-Stars host the Barstow Pony League All-Stars here on July 27, 28, 29 in the best 2 of 3 games for a place in the District Tournament.

Angels Beat Colts, Tie for 1st Place

The Angels, after winning the first half of the Colt League season, won their fourth straight game Monday night to tie the Colts for first place during the second half of the season.

Warren Turnbaugh, crack southpaw for the Angels, limited the Dodgers to six scattered hits while fanning 15 batters in posting a 4-2 triumph. Dodger pitcher John Martin allowed but 5 hits and fanned 13 in a losing cause.

Softball Standings (As of July 8)

Team	Won	Lost
Merchants	13	5
NOTS	12	5
Kunz Photo	11	6
NAF	11	7
Public Works	5	13
VX-5	1	17

CL Golf Club Tops Again in 'Hope-in-One'

For the fourth consecutive year, the China Lake Golf Club has exceeded 60 other clubs in Southern California in contributions to the annual Hope-in-One benefit tournament.

More than \$1100 was contributed to the City of Hope cause during the tourney played July 3 and 4 on the local greensward.

Warren Stelzmillier thought he had a good chance of winning the contest here on July 3 when he hit the ball 3 feet, 3/2 inches from the hole. But on July 4 along came Sam Someson and plunked the pill exactly one foot from the cup.

Pro Paul Someson thanks all who participated and extends special gratitude to the youngsters who helped measure drive distances and aided in collecting contributions: Phil Hervey, Kurt Weisbrich, Craig Clerk, Bobby Yount, Pat McDonald and Ricki Wolff.

Sponsors' Night Pony, Colt League Doubleheader Set for Sunday Night

The IWV Pony Colt Leagues will honor their sponsors with a Pony All-Star and a Colt All-Star doubleheader this Sunday starting at 6 p.m. at Schoeffel Field.

The Pony game will pit All-Stars from the 1st, 4th and 6th place team against an All-Star aggregation from the 2nd, 3rd and 5th place teams and the Braves.

The Colt game will be between All-Stars from the 1st and 4th place teams vs those teams.

In addition, there will be cash drawings every inning and a queen, selected from 11 contestants representing Pony and Colt teams, will be crowned between games.

The first aerial photographs were taken by the Frenchman Felix Tournachon from a balloon over Paris in 1858.

Tomorrow Night PW, Military All-Stars Play Bakersfield Nine

A twin-bill is slated on the local Beer Hut diamond tomorrow night when Public Works and the Military All-Stars host two Bakersfield aggregations.

Public Works, fresh from a 6-4 win over the Barstow Merchants last Saturday, will meet the Bakersfield Superior Tire team in the opening fray at 7 p.m.

Manager Pete Zamarron reports that his twirling ace, Jimmy Brown, suffered a shoulder separation in last Saturday's game and will be out the balance of the season.

Ross Clayton and Bill Clement will handle the mound chores, with Dennis Crager behind the plate.

Zamarron named his infield starters as Jim Dowda, first base, Gary Stevens, second base, Bob Crawford, third base, Jim Cashe, short stop.

Frank Carson will handle left field, Dennis Crager, center field, Al Celstine, right field. The Military All-Stars, comprised of players from NAF, NOTS, VX-5, will take on the

Bakersfield Kern Frog Market nine in the nitecap.

Coach Lt. (jg) Bill Elrod will start speedball Joe Hootman on the mound with Bobby Johnson as the receiver, and Harrell Thomason for relief twirling.

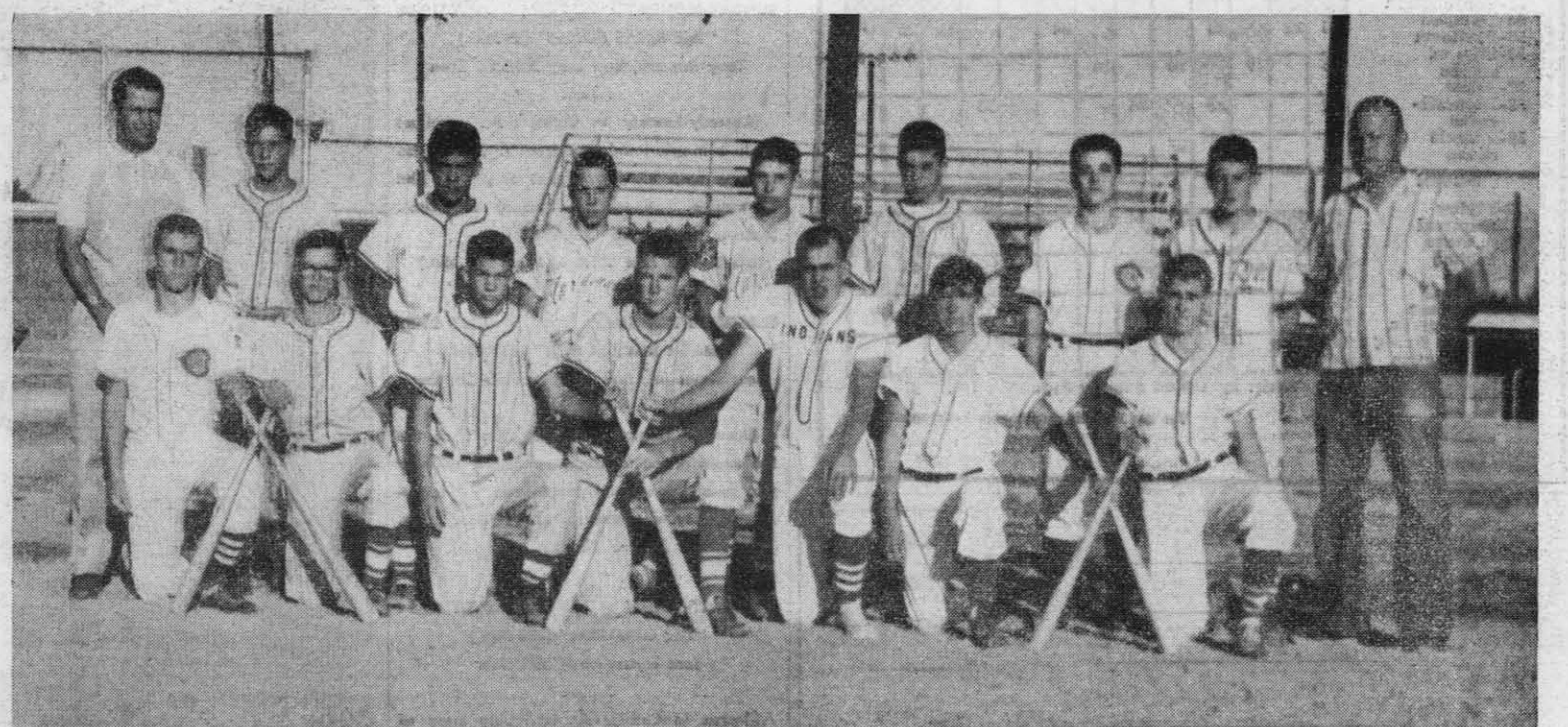
Manning the infield slots will be Joe Simmons at first, Rick Eakle at second, Howard Kelley occupying the hot corner, and Frank Bonislawski at short.

Outfield chores will be handled by Roger Litchfield, left field, Art Grenninger, center field, Bob Herr, right field.

Big stickers for the Military are Kelley, Thomason, and Johnson. Eakle and Herr are the fast men of the team.

The team has depth in Doug Furgeson and Taggart, first and third basemen, Jimmy Conyers, catcher, and outfielders Jim Stegall and Rose.

Pony League All-Stars



CREAM OF THE PONY LEAGUE — Players chosen this week to the All-Star squad kneeling (l-r) are Terry Foster, Cubs; Garry Travis, 'Boo' Beese, 'Duke' Martin, all of the Yankees; Dave Bates, Indians; Bob Brown and Stan Spurgeon, Tigers. Standing (l-r) are Bill Beese, manager; Jim Kosky

and Richard DeLeon, Yankees; Cliff Paine and John Franich, Cubs; Jim Goforth, Yankees; Bill Kennedy, Cubs; Howard Beach, Red Sox; and Mick Lambrie, coach. Not shown Jim Erickson, Tigers. Local All-Stars meet Barstow Pony All-Stars here on July 2-29 in the best 2 of 3 game series.