Old-Fashioned Ice Cream Social Tuesday Eve



Answer to Previous Puzzle

44-Girl's name 49-Cry

For Use In Authorized Service Newspapers Only

46-Solar disk 50-Number

53-Prefix: down

PLACE

HERE

STAMP

MMMM, GOOD! GOOD!—Say Susan Renne, 12, Teddy Stump, 7, and Luke McKenzie, 4, as they sample homemade ice cream pre-

CROSSWORD PUZZLE

11-Lampreys 16-Harvest

25-Command to

36-Give food to 37-Perform

alone 38-Fleet of

30-Baker's

ACROSS

13-Number 14-Toward the

sheltered side 15-Distinctive

tone 17-Standard

horse 28-Hit lightly 31-Pronoun 32-Shallow

vessel 33-Three-toed

39-Want 41-Float in air 43-Tally 45-Kind of bean

sloth 34-Limb 36-Locates 38-Exist

(pl.) 52-Poem 54-Paradise 55-Foundation 56-Man's nickname 57-Euphemisn

DOWN

2-Single thing 3-Fruit 4-Kind of fur 5-Pedal digit 6-Preposition 7-Lair 8-Hindu

pared by John Heaton and Jackie Rene for next Tuesday Night's Ice Cream Social. Anyone for peach, raspberry, or vanilla?

There'l be fun for both young and old alike-homemade ice cream, pies, and cakes-plus coffee and lemonade-at the 14th annual Old-Fashioned Ice Cream Social Tuesday evening on the lawn of the All Faith Chapel.

hundreds of local residents throughout the year. yearly, will be held between

Harkening back to the days of the "sewing bee," the "barn raising," and the "auction sale," it is one of the most popular community events of the

Candy-striped aproned girls of the Youth Fellowship will serve as junior hostesses at the affair while community and civic leaders, department, division, and branch heads will man the ice cream dipping.

The event affords newcomers to the area, particularly summer employees, junior professionals, and consultants, an opportunity to become better acquainted, and for old friends to renew friendships.

Tickets are 50 cents per adult and 25 cents for children under 12 years of age. Tickets may be purchased at the Social or at the Chapel office or from members of the Women's Guild, sponsors of the

Proceeds from the event are used to support mission proj-

The gala event, which draws ects of the Women's Guild

Special entertainment for the children will highlight the Social which will include a clown act, balloons, and a "dunking booth" manned by the Senior High Youth Group.

Music for the event will be furnished by the Popular Music Instrumentalists Club.

"GO GO MANIA" (69 Min.)

The Beatles, The Animals, Herman's Hermit 7:30 p.m.

(Musical in Color) Yeah, Yeah, Yeah, with sixteen internationally famous groups that set the younger citizens in those wild scream sessions. The beat's gotta be good it's rockin' the whole scene jog! And here's the top combos at work. (Adults, Youth and

> SHORT: "Gone Fishing" (17 Min.) "AFMR 619" (14 Min.)

MATINEE "PASSWORD IS COURAGE" (116 Min.) Dirk Bogarde

> SHORT: "Deputy Droopy" (7 Min.) "Monster and the Ape" (19 Min.)

Feature Cartoon with voices of

7:30 p.m.

minded widow who would have him. Wel done! (Adults, Youth and Children) SHORT: "Sleepytime Donald" (7 Min.)

'Under the Big Top" (17 Min.)

JULY 18-19 "DINGAKA" (98 Min.) Stanley Baker, Juliet Prows

7:30 p.m.

SHORT:: "One Cab's Family" (7 Min.)

and Mature Youth)

"YOUR CHEATIN' HEART" (102 Min.) 7:30 p.m.

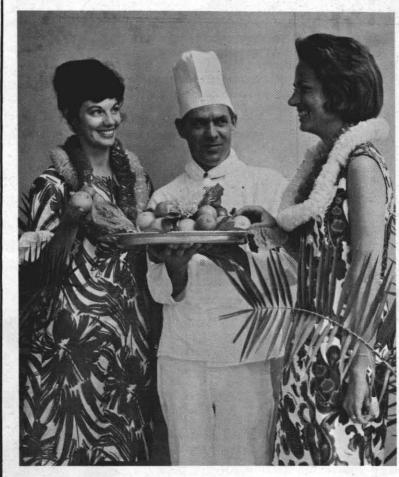
rama) Here's the heart-warm ing story of the famed Hank Williams King of Country Music, self-educated musician who hit the peak financially on the "Grand Ole Opry" yet too to drink and final oblivion. A man and his music

SHORT: "Cruise Cat" (7 Min.)

JULY 22-23 "ARIZONA RAIDERS" (88 Min.) Audie Murphy, Gloria Talbott

(Western in Color) Confederate war hero, riding with Quantrell's raiders, is captured is offered a pardon to hunt down the rest

Luau Saturday



EXOTIC FOOD-VX-5's Pat Shannon and NAF's Sandy Newhouse get preview from Chef Lee Barnett of the exotic fruits to be served at the Polynesian Night Luau to be held at the "O" Club tomorrow night. Dancing is 'til 1 a.m.

Blue Cross, Aetna Reps Here from July 21-23

Jacques Gillard, Blue Cross representative from Bakersfield, will be at the Community Center on Wednesday, Ju- Lions Club will hold a special ly 21 between the hours of 9

Howard Keenan. Aetna rep- roli, 700-B Kearsarge. resentative from Oakland, will be at the Community Center sion will be Ridgecrest Chief day, July 22, 9 a.m. to 4:30 cording to Dick Hitt.

p.m. Friday, July 23, 9 a.m. to 3 p.m.

Lions Club Meets On Station Tuesday

The Ridgecrest-China Lake wives night meeting at 6:30 p.m. at the home of Ed Casa-

Guest speaker for the occaon the following dates: Thurs- of Police George Whaley, ac- and Mature Youth)

THURS.-FRI. 7:30 p.m.

and imprisoned. After Quantrell's death he of the gang and become an Arizona Ranger. Action-filled gun-blazer. (Adults

SHORT: "Wonderful Africa" (18 Min.)

Borman Named Gemini Pilot, Witnessed Ejection Tests Here



Vol. XX, No. 28

NAVAL ORDNANCE TEST STATION, CHINA LAKE, CALIFORNIA

Fri. July 16, 1965

Telemetry Experts Work For NOTS Changeover To UHF Band By Year 1970

Three NOTS technicians returned recently from Alamogordo. N. M. and a three-day meeting of national telemetry experts, where they represented the Station's part in the government's Range Commanders'

EXAMINING "SPINNER" for installation in former gun

antenna is Robert E. Rockwell, Code 30's Instrumentation

Lab's Engineering Support Section head. Antenna was for

the Army's "sky-sweeper" anti-aircraft gun. It will be con-

verted to a self-controlled receiver for UHF telemetry tests.

Council work to update and expand present range telemetry standards.

Robert T. Merriam, head of Timing-Telemetry Branch of Test Departments Instrument Operations Division; Jack W. Billups, telemetry designer in Astrometrics Division of Test Department; and Harold W. Rosenberg, electronics development technician with Propulsion Development Department's Quality Assurance Division represented NOTS with the Council's Telemetry

In the Group's present agenda, with three meetings per year scheduled, the conversion of national ordnance ranges from 200 megacycle telemetry bands to two VHF megacycle bands is the prime project. Deadline for this conversion

has been set at January 1, 1970. "Until last December," Jack Billups said, "there was no air or ground equipment to meet the star-of-the-art. But since then, we've made very good progress. The new standards have been fixed, and parts of the 1970 design objectives have been met.'

Need Own UHF Band

The changeover project dates to 1958, when military and civilian government missile ranges were given a tencle Very High Frequency (VHF) band for telemetry.

"We knew then that we would have to develop techniques and equipment for our own, exclusive telemetry bands," says Bob Merriam.

(Continued from Page 3)

MAJ. FRANK BORMAN, USAF, in white shirt, has been named Gemini 7 command pilot. Astronauts are talking with "Red" Garman after witnessing Gemini escape ejection tests at SNORT track last November. Astronauts (I-r) are John

Grissom, Jim McDivitt, and Borman.

Young, Ed White, Wally Schirra, Tom Stafford, Garman, Gus



seven astronauts who visited the Station last November to witness Gemini escape ejection tests on the SNORT track, has been named as the command pilot for the Gemini 7 mission for 1966 by the Federal Space

Will Command

Gemini Seven

In 14-Day Orbit

Frank Borman, one of the

The mission is scheduled for the first quarter of next year. Borman, 37, an Air Force major, will have as his co-pilot LCdr. James A. Lovell, also

Borman and Lovell were the backup crew for the recently completed Gemini 4 mission in which White took his walk in

Seven Visited Station

The Gemini 7 mission pilots visited the Station last fall with Ed White, Jim McDivitt, Gus Grissom, John Young, Tom Stafford, and Wally Schirra, who served at China Lake from April 1952 to February 1954 and has been named Gemini 6 mission pilot with Stafford as his co-pilot. Their flight is scheduled for Octo-

Schirra during his tour at NOTS as a lieutenant served as assistant experimental officer for Air-to-Air Guided Missiles as special project pilot. He was among the first project pilots for the early Sidewinder missile.

While here he was awarded the Distinguished Flying Cross by the Air Force for his combat exploits during the Korean Conflict.

Longest Flght

Borman and Lovell, the Gemini 7 mission crew, if all goes well, will be making one of the longest flights into space - an earth orbiting mission expected to last up to 14

(Continued on Page 2)

Navy Astronaut to Head 30-Day Undersea Test Local Youths Injured Washington (AFPS) — Sealab II, the second phase of Native "Man in the Sea" program

son of the valley's pioneer, the

24 Injured

18 summer students injured

when two "non - compatible"

plosion.

Hibbs and Fox were among

vy's "Man-in-the-Sea" program, is scheduled for mid-August with Commander M. Scott Carpenter, astronaut-aquanaut, ex- Joseph H. Hibbs, 700-A Kearpected to serve as a team lead-

The 30-day experiment will be held in the Pacific Ocean, about one-half mile off La Jolla, Calif., in a 57-foot undersea late Joe Fox, were seriously dwelling housing 20 civilian injured in a laboratory explosion at Bakersfield College scientists and Navy divers.

The experiment will measure man's effectiveness in performing certain functions 210 feet below sea level, in comparison with how long it takes workmen on land to perform similar activities.

Scientific research projects floor drift and determining what effect human presence will have on marine life in the area. A marine life census is

Two local youths, Joseph of Oildale, received critical in-Hibbs, 18, son of Mr. and Mrs. juries.

It was reported that Hibbs suffered head injuries and Fox sarge, China Lake, and William Gary Fox, 19, son of Mr. and a mangled hand in the blast. Police officer Ray Ragusa. Mrs. Lawrence J. Fox, 449 Ridgecrest Blvd., and grand-

one of the first on the scene, is reported as saying "It looked worse than any war I was in."

Both Hibbs and Fox are graduates of Burroughs High School. Hibbs, Class of '65, was an active participant in varsity baseball, as well as a veteran of the Station's Colt and Pony Leagues.

chemicals exploded, shatter-Fox, Class of '64, lettered in ing every window in the classtrack, basketball, and football, include checking the ocean room laboratory. Twenty-four and was a member of the El students were in the class- Burro Year Book staff.

room at the time of the ex-Hibbs' parents are pioneer Station residents. His father is In addition to the two local head of AOD's Electro-Mechanyouths, Virginia Newberry, 20, ical Branch.

Prof. Lyn Elder Arrives For 3-Day Ministry Thur.

PROFESSOR LYN ELDER

the Golden Gate Baptist Sem-

inary in San Francisco since

Sunday, July 11, attending Dr.

Elder's pastoral psychology

course, and will return Mon-

also to include a Chapel Coun-

cil luncheon at 11:30 next Fri-

dian Wells Valley Pastors and

Physicians Breakfast at the

on that Friday, Saturday and

Ships Scenes Available

The U.S. Naval Institute is

offering large size, full-color

reproductions of paintings of

ships and of the sea. These

reproductions are suitable for

framing and make attractive

decorations for walls of BOQ

Messes may purchase repro-

ductions of the USS Enterprise,

USS Long Beach, USS Bain-

bridge and the Flying Cloud

at a special Government price

of \$2.85 each, while pictures

of the USS Thresher are \$5.00

each - all proceeds being do-

An illustrated brochure de-

scribing the paintings may

be requested from the U.S.

Naval Institute, Annapolis, Md.

DIVINE

Morning Service—11 a.m. Sunday School—9:30 a.m.

a.m., Saturday.

SERVICES

Christian Science (Chapel Annex)-

Protestant—(All Faith Chapel)—
Morning Worship—8:30 and 11 a.m.
Sunday School—9:30 a.m., Chapel An-

Roman Catholic (All Faith Chapel)— Holy Mass—7, 9:30 a.m., and 5:30 p.m.

Sabbath School-10 a.m. to noon, every

first and third Saturday.

nexes 1, 2, 3, 4 (Dorms 5, 6, 7, 8) lo-

-(NAVNEWS)

nated to the Thresher Fund.

rooms or club lounges.

For Decorating Clubs

day, July 19.

Professor Lyn Elder, head of the Department of Pastoral Psychology at Golden Gate Baptist Seminary in Mill Valley, near San Francisco, will conduct a family life discussion series here beginning Friday, July 23 and running through Sunday evening, July

Chaplain Mark E. Fite announced that Dr. Elder's ministry here would include Chapel services at 8:30 and 11:00 a.m. Sunday, July 25. He will also conduct evening vespers following the Chapel Family Picnic from 5:00 to 7:00 p.m. Friday, July 23, at the NAF

Dr. Elder was born February 22, 1918, in Biloxi, Miss., and received his Bachelor of Arts degree from Louisiana State University, Baton Rouge, in 1939. He took his Master's and Doctor's degrees at the Southern Baptist Theological Seminary, Louisville, Ky., in 1942 and 1948, and did graduate study at San Francisco State College in psychology in

A former U.S. Army chapday in the East Wing; the Inlain, he has traveled extensively in Europe, and now makes his home with his wife, Lois, Station Restaurant at 8:00 and their two sons, Harold, 22, a.m. Saturday, July 24; and and John, 18, in Mill Valley. Home Meetings at 8:00 p.m. Chaplain Fite has been at

HOUSING **ALLOCATIONS**

JUNE 1965—LEVELS Type—Housing	Hiral Date of
Priority Group	Date of Rank
Panamint (4)—None	Duit Of Ruin
	1-24-57
JOQ (2)-None	
MOQ (3)—None	W FEI WILLIAM
Hill Duplex (3)-None	
Hill Duplex (2)-None	
Wasp Circle Duplex (3)—No	ne
Joshua (4)—CF	12-29-5
Yucca (4)-None	
Tamarisk (4)—None	
Juniper (3)—CC	12-3-5
Old Duplex (3)-None	
Old Duplex (2)-CH	6-15-5
Old Duplex (2) (LBP)-CD	
Old Duplex (1)-None	
Normac Duplex (3)-CC	2-7-5
Normac Duplex (2)-None	
Wherry (4)-CG	6-21-6
Wherry (3)-CG	
	3-18-4
Normac (3)—None	
Normac (2)-None	
Normac (1)-CF	4-29-55
LeTourneau (2)-None	
Hawthorne (3)-None	
Hawthorne (2)-None	
	7-1-6
Apartment (3)-None	
Apartment (2)-None	
Apartment (1)-SE	8-24-6
Apartment (0)-CA	
Motel (1)-CA	8-10-50
	5-1-6

The Rocketeer Official Weekly Publication of the U. S. Naval Ordnance Test Station China Lake, California

Capt. John I. Hardy, USN Station Commander

"J." Bibby Public Information Officer

Budd Gott

Staff Photographers
Paul Seaton, AC2PH; Robert Hancock, PH2; Ralph Robey, PH2 (Pasadena).

DEADLINES: NOTS Jewish Services (East Wing All Faith Chapel)-8 p.m. every first and third

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 NavExos P-35, revised Unitarian Fellowship—For information about meetings, write P.O. Box 5674, China July 1958. Office at 50 King St., Bldg.



ROCKETEER

General, Electronic, or Mechanical Engineer, G5-13, Code 5507—Position is that of Shrike system manager in the Weapon Systems Office. Incumbent has complete management responsibility for the Station's efforts in support of the BuWEPS and Fleet Forces for the Shrike missile and its associated support equipment. Strong back-

Hetherington, Bldg. 34, Rm. 34, Phone 71514.

Mathematicians, Physicists, Mechanical or Aerospace Engineers, (Several), GS-7 thru 11, Code 451—To work in Sys-tems Analysis Branch of Advanced Technology Division. Programs involve effec-tiveness studies of airbreathing engines and solid and liquid propulsion, and definition of areas for future research and develop-

Mechanical Engineers—Aerospace Engineers, (Several), GS-7 thru GS-11, Code 457—To work in the Propulsion Com-ponents and Engineering Projects branches of the Propulsion System Division, Code 457. To work in mechanics, internal ballistics, air frames, rocket nozzle design in connection with several motor propulsion systems—ERA, BOMROC, 551-A-B-C, RAP,

File applications for above with Bett Fowler, Bldg. 34, Rm. 26, Phone 71648.

tigates discrepancies, shortages, damages, overages, packing, lost shipments, etc. relative to material received from various supply agencies. Determines cause and responsibility of loss or damage, possible repairs; prepares reports of findings. Qualifications: GS-5, Three years' pro-

gressively responsible experience in admin-istrative, professional, investigate or other responsible work which has provided ap-Dr. Elder's schedule here is plicant with a general knowledge of the transportation field.

GS-7, Three years' general experience as described above plus at least one year's experience in actual transportation claims work such as examination, review and development of claims by or against the employer arising from the loss or damage of goods and merchandise within the cus tody of carriers.

Truck Driver, \$2.79 to \$3.03 per hour, Code 2505—Operates, loads, unloads and makes minor repairs and adjustments to motor vehicles and trucks of less than
3-ton capacity. Delivers mail and various
material throughout Supply Department.

Qualifications: At least one year's experience in operation of motor trucks includ-

ing making minor repairs and adjustments. Due to current Base Closure Program, only those employed on-Station are eligible File applications for above with Pat Dettling, Bldg. 34, Rm. 28, Phone 72218 Deadline for filing is July 23.

NAVY OVERSEAS VACANCIES Personnel Management Specialist, GS-13, Electric Accounting Machine Project Planner, GS-9, Hawaii; Security Specialist, GS-11, Fire Chief, GS-11, Philippines; Engineer, GS-13, Thailand; Liquid Fuels Distribution System Operator, Electronics Mechanic, Personnel Staffing Specialist, GS-11, General Engineer, GS-11, Guam; Operating Accountant, GS-510-9, Personnel Management Specialist, GS-9, Viet-Nam. cialist, GS-9, Viet-Nam.

File applications for above with Navy Overseas Employment Office (Pacific), Fed-eral Office Bldg., 50 Fulton Street, San Francisco, Calif. 94102.

POISON ANTIDOTES

The American Academy of Pediatrics subcommittee recommends that parents of small children keep on hand an emergency supply of ipecac and powdered activated charcoal, in case of poisonings.

STATION LIBRARY **LISTS NEW BOOKS**

A complete list of new books is available in the libra-

Fiction Barry-Shadow of Eagles. Boulle-Garden on the Moon. Christopher—The Possessors. De Camp-The arrows of

Duggan-Count Bohemond. Non-Fiction Bagdikian-In the Midst of

6 a.m., Monday through Friday; 8:30 Plenty. Berne-The Games People Confessions—8 to 8:25 a.m., 6 to 8:30 p.m., Saturday; Thursday before First Friday, 4 to 5:30 p.m.

Hercules.

Brough-"We Were Five." Conant—Shaping Educational Policy. Davenport-India: A Personal

Guide.

Elliott-The Glamour Magazine Party Book. Jung-Man and His Symbols. S-Grilled beef liver, lyonnaise potatoes,



DANCE AT McBRIDE PARK—Second in a summer series of free recreation programs will be at the Park Sunday, July 18. China Lake Desert Dancers will give exhibition of folk dancing from many lands at 7:30 p.m.

Will Command Gemini Seven

(Continued from Page 1)

It will almost match the combined total of all previous ages 10 and 7, and a boy, 10. U.S. manned flights into space. for five days in 1963.

Borman, an Air Force maj- February, 1964. or, is a native of Gary, Ind. A West Point graduate, he holds sons, ages 14 and 12.

Lovell, a Navy commander, The backup crew is Neil A. He is a graduate of the Uni- Jr., both civilians.

versity of Southern California He is married and the father of three children, two girls,

Edward White II and Mi-The present endurance record chael Collins have been named is held by Soviet cosmonaut as the backup crew for Bor-Valery Bykovsky who piloted man and Lovell. Collins, 34, a Vostok spaceship in orbit was named to the astronaut ranks along with 13 others in

Gemini 5 in August Air Force Maj. Leroy Gora master's degree in aeronau- don Cooper and Navy LCdr. tical engineering from the Cal- Charles Conrad will be the priifornia Institute of Technology. mary crew of the Gemini 5, He is married and has two an 8-day flight scheduled for next month

is a native of Cleveland, Ohio. Armstrong and Elliot M. See

GENERAL MESS MENU

S-Salisbury steak, French fried potatoes, onion gravy, succotash, salad bar, cor tage pudding, lemon sauce, ice cold

SATURDAY, JULY 17 B-Cereal, fruit, bacon slices, fried eggs, waffles, syrup, fruit juice. 1000 Add: Bacon and lettuce sandwiches, salad bar, potato chips, ice cream, cream of tomato soup. 1000 Omit: Bacon slices, waffles, syrup.

S—Beef croquettes, lyonnaise potatoes, to-mato gravy, blackeye peas, beets, salad bar, chilled pears, ice cream, ice cold SUNDAY, JULY 18

B—Cereal, fruit, pork sausage links, fried eggs, waffles, syrup, fruit juice.

S—Chili con carne, kidney beans, steammed rice, mixed vegetables, salad bar, lemon 1000 Add: Vegetable soup, egg salad sandwiches, salad bar, potato salad, 1000 Omit: pork sausage links, waffles,

mashed potatoes, giblet gravy, aspara-gus, cranberry sauce, salad bar, fruit cocktail, ice cream, ice cold drinks.
MONDAY, JULY 19 B-Cereal, fruit, minced beef on toast,

hash brown potatoes, blueberry hot cakes, syrup, iced snails. D-Baked meat loaf, O'Brien potatoes, tomato gravy, carrots, spinach, sandwich bar, salad bar, apple pie, ice cold

French toast, syrup, jelly filled doughgravy, corn, sandwich bar, salad bar, iced chocolate layer cake, ice cold

S-Chicken ala king, mashed potatoes, stewed tomatoes, asparagus, hot biscuits, salad bar, jelly roll, ice cold drinks. WEDNESDAY, JULY 21

B-Cereal, fruit, bacon slices, fried eggs, D-Simmered smoked ham, boiled potatoes, wich bar, salad bar, pecan pie, ice cold

rice, mixed vegetables, salad bar, lemon pound cake, ice cream, ice cold drinks. THURSDAY, JULY 22 B-Cereal, fruit, cream dried beef on toast,

hash brown potatoes, French toast, syrup, quick coffee cake. D-Pineapple chicken, mashed potatoes giblet gravy, peas, bread dressing, sandcake, ice cold drinks.

S-Chicken noodle soup, stuffed frankfur-ters, French fried potatoes, fried onions, lima beans, salad bar, peach shortcake FRIDAY, JULY 23

fried eggs, pineapple hot cakes, syrup, MENU SUBJECT TO CHANGE

Colt Leaguers to Host Barstow in Tourney



FACE BARSTOW MONDAY-Colt All-Star players who will clash with the Barstow Colt All-Stars here (kneeling, I-r) are Boo Bessee, Angels; Mike Machowsky, Giants; Teddy Sprouse, Colts; Bobby Brown, Angels; Terry Foster, Colts. Second row (I-r) Stan Spur-

Friday, July 16, 1965

geon, Colts; Jim Keosky, Angels; Max Ward, Dodgers; John Manger, Colts. Back row (I-r) Mgr. B. J. Foster, David Bittle, Angels; John Martin, Dodgers; Bill Byrd, Angels; John Franich, Angels; and Jim Goforth, Giants. They meet Barstow in three game series.

Indian Wells Valley's Colt League All-Stars will be out to avenge last year's defeat when they clash with the Barstow Colt League All-Stars at 8 p.m. Monday at Schoeffel Field in the first

of a best two out of three se-

The second game will also be played at 8 Tuesday night at Schoeffel, and if a third game is required it will be played Wednesday night, same time, same place.

Manager B. J. Foster and coach Hank Sprouse have named Teddy Sprouse and Dave Bittle as the starting battery against the Barstow All-Stars.

Both boys are veterans of play against the 1964 Barstow Colt All-Stars. Stan Spurgeon will be ready to work behind the plate if anything happens

Deep in Pitching

The IWV Colts are deep in pitching strength with fast baller Bobby Brown, who chalked up two no-hitters in 1964 Pony League play, and has hurled several one-hitters this year.

In addition, they have change-of-pace artist John Martin, a veteran of 1964 Pony play, and Max Ward, a curve

ball artist. Martin may not see

twirling duties due to a bruised finger.

Drawing starting infield as signments are Jim Goforth at first base, John Manger, second base, Jim Keosky, 3rd base, and Bill Byrd at short

Drawing starting outfield assignments are John Franich in right field, Terry Foster, center field, and Boo Bessee, left

Manager Foster can call on Mike Machowsky for second base chores and Mike Mead to roam the outfield and David Bens, who can handle either infield or outfield.

Heavy stickers for the local Colts are John Manger, Jim Goforth, Bill Byrd, John Franich, who has a .480, and Mike Mead, when he is on.

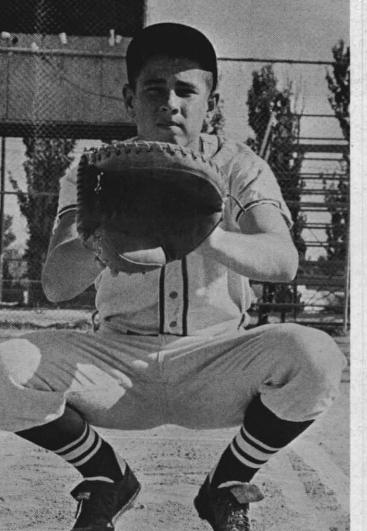
Barstow Colt All-Stars Manager Gene Saavedra and coach Kopel will bring a 15man All-Star squad here headed by 1964's pitchers Bobby Jones, 6-ft. 2-in., and diminuitive Tini Moya. Moya was an All-Tournament Pony League in 1963. Both boys had the local Colts baffled here in last year's tourney.

Manager Saavedra has named Bobby Jones and Joe Saavedra as the starting bat-

Infield starters are Jim Jack, first base, Junior Dominguez, second base, Tini Moya, third base, and Larry People

Outfield assignments will be handled by Henry Tuiters in right field, Bill Devin, center field, Tommy Jones, right

COLT TWIRLERS — Teddy Sprouse, at left, starts against Barstow here Monday. Bobby Brown, right, who holds two no-hitters, will see action in



COLT ALL-STAR CATCHER Stan Spurgeon of the Colts will probably see plenty of action against the Barstow All-Stars here in the best 2 of 3 game series.

Abernathy to East For Women's Meet

Test Department, and president of the China Lake Business & Professional Women's Local Racquet Club Club, will leave tomorrow to attend the National Federation of BPW Clubs held in the Sheraton Park Hotel, Wash-

Wardna J. Abernathy of the taneously with the National Convention.

To Host Bakersfield

The China Lake Tennis Club will host the Bakersfield Racington, D.C. from July 29 to quet Club this Sunday in a sixmen, two-women meet. Players representing the station are: She will also attend sessions Don Beresford, Jim Smith, of the Tenth Congress of the Don Moore, Dick Boyd, Larry International Federation of Faulk, Jerry Whitnack, Joan BPW Clubs to be held simul- Leipnick and Beverly O'Neill.



PONY-COLT LEAGUE QUEEN-Debbie Murphy flashes smile as Cdr. Hal Byrd proclaims

her Queen at Sponsors' night last Sunday. Her escort is Pete Pooley of the Reds.

Captain Lowe AOA Speaker

NOTS Pasadena Research Support Role

Program Chairman for the

1965 meeting is Dr. Robert W.

Bussard, Chief Scientist for

Electro-Optical Systems, Inc.,

Highlights of the technical

sessions will be a special "Lat-

est Developments Session" to

handle last - minute informa-

tion on Mariner IV which is

scheduled to take the first

close-up photographs of Mars

just 12 days before the meet-

ing begins, as well as the sec-

ond Gemini flight. There also

will be a panel discussion on

what the future holds for the

field entitled Aerospace-1985."

Major Attraction

be the von Karman lecture to

be delivered at 5:30 p.m. on

July 27 in the Civic Auditori-

um. The lecture will be Dr.

Raymond Bisplinghoff, Assist-

ant Administrator of the NA-

SA Office of Advanced Re-

For the first time at an

day, July 29. Admission will be

\$2 for adults and 50 cents for

search and Technology.

A major attraction also will

Pasadena, California.

Pasadena Men Present Paper at AIAA Meeting

Representing NOTS Pasadena at the second American Institute of Aeronautics and Astronautics meeting and technical demonstration to be held in San Francisco July 26-29 will be C. A.

Reisman, Mechanical Engineer and D. N. Jackley, Mechanical Engineer, both in the Thermodynamics Branch, Propulsion Division, UOD.

Reisman will present a paper entitled, "Combustion System for an Underwater Thermal Propulsion System," coauthored by himself, Jackley and J. M. Caraher, Chemical Engineer, also in P8075.

It is expected that over 5000 scientists and engineers will attend the AIAA meeting with the object of reviewing current aspects, and discussing future developments in aerospace and aviation.

300 Papers

Over 300 papers will be delivered in 44 group sessions to be held in the Civic Auditorium. In addition, approximately 200 lecture demonstrations featuring displays of equipment and working models from 70 major aerospace organizations will be staged in Brooks Hall.

It is the first time that California has been the site of an AIAA annual meeting. Because of the state's importance in the aerospace and aviation fields, the AIAA Board of Directors decided that their annual meetings would alternate from now on, between the Pacific and Atlantic Coasts.

Hail And Farewell

New Employees
Engineering—Fred O. Hodges, Inspector (Ordnance Mechanical Equipment Developmental) B; Betty J. Wright, Clerk Typist.

Supply -Emma M. Walton, Clerk (Typing). Public Works - Harold F. Fechtner, Mechanical Engin-

eering Technician. Administration — Helena M. Speed, Mail Clerk (Typing); Vearl W. Gibson, Guard; Barbara J. Ring, Clerk Typist; Mark W.

Helmerick, Guard. Underwater Ordnance — Jan S. Snyder, Physicist; Allen R. Waltz. Electronic Engineer; Charles E. Williams, Mathematician: Janet M. Spinney, Clerk-Stenographer; Richard J. Hertel, Physicist; Stephen D. Clamage, Physical Science Technician: Robert S. Parker. Mathematician; Benjamin A. Saltzer, Mechanical Engineer; Denise E. Howe, Clerk-Stenographer; Richard S. Passamaneck, Mechanical Engineer; John C. Diebel, Electronic Engineer; D. Michael Lovell, Mechanical Engineering Technician; George W. Zobrist, Electronic Engineer; Steven D. Packard, Mechanical Engineering Technician; William E. Pfaffenberger, Mathematician.

Terminations Supply -Joan C. Wright,

AIAA annual meeting, the Clerk Typist. technical demonstration area Administration - Wm. R. in Brooks Hall will be open Favio, Guard; Donnita A. Hoto the general public from 4 gue, Clerk-Typist. p.m. until 9 p.m., on the final

Public Works - Rudolph L. Kunz, Laborer Cleaner; Stanley D. McDonald, Engineman.

Captain G. H. Lowe, Officer in Charge, NOTS Pasadena, was guest speaker last Wednesday at the American Ordnance Association's meeting at the Huntington Sheraton Hotel in Pasadena.

Describing the Naval Ordnance Test Station, China Lake-Pasadena, Captain Lowe

"The Naval Ordnance Test Station with headquarters at China Lake, is the largest research and development activity in the Navy. It is under



CAPT. G. H. LOWE

the command of Captain John I. Hardy who is an outstanding technically oriented officer and a distinguished military man. Dr. W. B. McLean is our Technical Director and one of the truly-outstanding scientists in the nation." **NOTS Philosophy**

Capt. Lowe described the NOTS developed philosophy of

Long Beach

Ships To Host **General Visiting**

The following ships will host general visiting in the

17-18 July - Inboard MSO MSI Pier Nine.

Brinkley Bass (DD-887). 31 July/1 Aug. - Destroy- during the days of the Romer USS Edson (DD-946).

high quality of weapons and equipment that ultimately find their way into our Armed "The technical task of creativity," he said, "is the domain of the civil service personnel and it is enhanced by the military operational expe-

operation involving a civilian-

military industry team, who

work together in achieving a

signed. "We feel a sense of personal responsibility for the quality of the products which

rience possessed by the offic-

ers and enlisted personnel as-

come from NOTS. "The civilian - military team works to achieve good design, reliability, producibility, maintainability, and reasonable cost. We strive to develop a production source which will preserve and produce in quantity for the fleet the NOTS

Explaining that NOTS ASW effort is quite extensive and ranges from studies of weapons, and complete weapons systems requiring the operation of a successful laboratory, this is accomplished through competent people. Captain Lowe lauded the many highly competent technical and scientific personnel.

Capt. Lowe cited ASROC, MK 44 and MK 46-0 as some of our most recent accomplishments, and examples of the laboratory-contractor team

Also, he described the deep recovery operations of the Systems Operations Division of Underwater Ordnance Department, and the two vehicles now in use-the YFU 53 (formerly LCU 1446) and CURV.

He explained the savings in project money through recovery of expended ordnance items for reuse. Also, the value of being able to recover a torpedo or missile and examine it for weakness or malfunction thus correcting and improving the design in a minimum of

Captain Lowe described his tour of duty at NOTS as one Long Beach Area during the remainder of July from 1-

The largest military cata-24-25 July - Destroyer USS paults were capable of throwing a 60-lb. missile 500 vds...

To Start The Day Right

TAKE TIME TO THANK GOD - FOR A NEW DAY. TAKE TIME TO BE GRATEFUL - FOR YOUR BLESSINGS.

TAKE TIME TO WORK - IT IS THE PRICE OF SUCCESS. TAKE TIME TO PLAY - IT IS THE FOUNTAIN OF WISDOM.

TAKE TIME TO BE FRIENDLY - IT IS THE ROAD TO HAPPINESS.

TAKE TIME TO LAUGH - IT IS THE MUSIC OF THE HEART.

TAKE TIME TO BE COURTEOUS - IT IS THE MARK OF A GENTLEMAN. TAKE TIME TO THINK HOW LUCKY - YOU ARE TO BE LIVING. THE

IN THE UNITED STATES OF AMERICA.

Telemetry Experts Work For NOTS Changeover

(Continued from Page 1)

Friday, July 16, 1965

"Accordingly, UHF (Ultra High Frequency) was studied, and the 1435 and 2200 megacycle areas selected for development by the Inter-Range Instrumentation Group, one of the Council's three primary divisions, of which the Telemetry Working Group is one of ten sub-groups."

He pointed out that the chief problem in the band changeover is to ensure high quality signal transmission in UHF — at least comparable to that obtained in VHF. Study to this end is underway.

"We have run some preliminary propagation flight tests, and will soon begin a series of tests wherein we plan direct comparison between simultaneous transmission of data over UHF and VHF links," Merriam reports. "Various pieces of equipment are now being built elsewhere or adapted here, and we will be testing over land and sea ranges." First testing was begun in April,

The second of NOTS' group of tests in this project is to begin in two to three weeks. In preparation for it, conversion is in progress on a T-9 "Skysweeper" Army anti-aircraft gun antenna and a Nike-Ajax missile tracking antenna into UHF telemetry antenna systems. A new airborne transmitting package will be on its way soon from the Naval Ordnance Laboratory at Corona,

Steering Committee to Meet In September this year, further progress is expected in smoothing the track for the conversion project when the Inter - Range Instrumentation Group Steering Committee meets. Fred M. Ashbrook, head of Test Department's Instrument Development Divi-

the Station.

Merriam projected that besides inter-range coordination work, costing for the program would get special attention from committee members, and would be given firmer outlines. He said that NOTS' share would probably run to a little over one million dollars. Council Outline

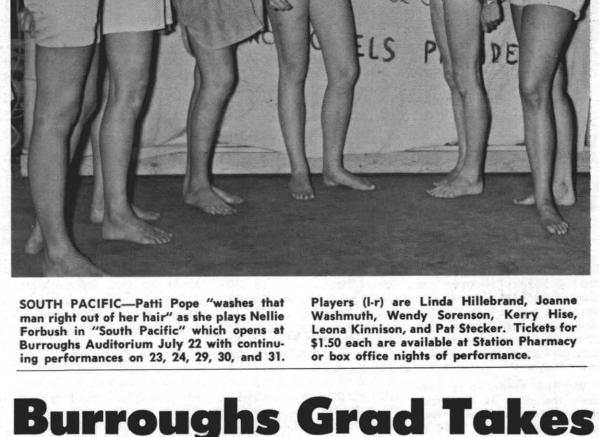
The NOTS member of the Range Commanders' Council is Captain John I. Hardy. The four primary working divisions of the Council are the Inter - Range Instrumentation Group, headed by the Steering Committee and containing working groups of which the Telemetry Working Group is one; the Inter-Range Missile Flight Safety Group; the Inter-Range Missile Ground Safety Group, and the newly chartered Inter-Range Operations Planning Group.

The Council was formed on August 7, 1951 as the Range Commanders' Conference, and adopted its present name in 1963. Its purpose is to provide informal contact between the range commanders and their technical people to exchange information of mutual interest. It has seven member ranges. Associated with the Council

and the Instrumentation Group are representatives from about 50 government organizations, including the Department of Defense, the three services, NASA, the Coast Guard and the Bureau of Standards.

Exchange to Inventory On July 26 and 27

Retail activities of the Navy annual inventory as follows: Outdoor Shop, all day Tuesday, Monday, July 26.



Exchange will be closed for July 27; Retail Store, all day



MANUAL TRACKING ANTENNA is operated by Roy E. Rockstrom of Code 40's Aeromechanics Div. It was first used for new VHF band tests in April, 1961. A second group of tests planned for this August, will use additional gear now in preparation by Code 30's Instrumentation Lab. A larger, trailer-mounted antenna is being converted from a Nike-Ajax tracking antenna to a "slave" unit for further testing this August.

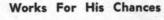
NROTC Grant at USC

Conrado L. Mangapit, Jr., 1965 Burroughs High School graduate and son of Conrado Mangapit, Chief Fire Control Technician with Test Department, has earned a Naval ROTC scholarship and will attend the University of Southern California in September.

The only young man in the Valley to earn the scholarship

CHIEF MANGAPIT, SR.

UCLA earlier," Conrado reports, "and I was nominated in April as an alternate candithis year, Conrado, 18, aims at date for the Merchant Marine an education in engineering at Academy, so I wasn't certain of my plans until just recently. What a wonderful opportunity this is!"

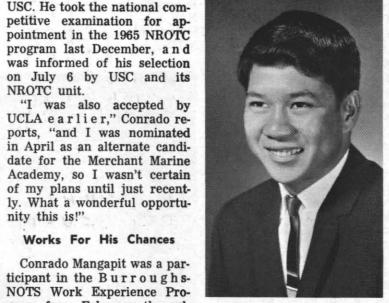


NROTC unit.

Conrado Mangapit was a participant in the Burroughs-NOTS Work Experience Program from February through June this year, and took part in experiments in metal physics at Mich Lab under the eye of his sponsor, Dr. Bertwin al Physics Branch.

This summer, he has been working long night and day hours in the Mojave Post Office, 50 hours per week, to de-

fray his college expenses. USC, plus \$50 per month. In wife, Amparo, and then incluaddition, he is the winner of a ding Conrado, Jr., and Danny. \$200 Burroughs High School scholarship.



CONRADO L. MANGAPIT, Jr.

"This is all a great help to me," says Mangapit, "but still, four years of college will be Langenecker, head of the Met- very expensive, and I want to earn as much of the extra cost as I can."

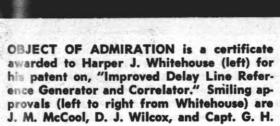
Navy Family From 1945

Conrado Mangapit, Sr., be-

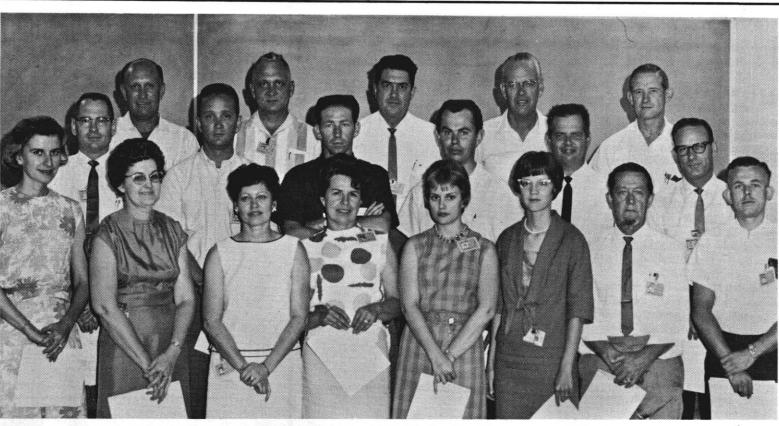
gan the family's Navy tradi-The NROTC scholarship will tember, 1945, when he enlistprovide Conrado with his ex- ed at his home town of Cavipenses for tuition and books at te. He brought his family,

tion in the Phillipines in Septo Long Beach in 1952.

(Continued from Page 5)



Lowe. This is the second patent award for Whitehouse, a Physicist in P8089, since joining NOTS in 1956. A native of Los Angeles, Whitehouse and his wife, Claudia, reside in Hacienda Heights with their two children-Valerie Kay 9, and Glen Phillip 7.



TEST DEPT. AWARDS—For a combination of Superior Accomplishment, Quality Salary Increase and Benny Sugg awards, the following employees were honored: Front (I-f)-Monica S. Nuffer, Cordia L. Tankersley, Eula M. Miller, K. Grayce Madison, Anita A. Ralston, Glenda S. Robideau,

Warren T. Hanne and Arthur E. Farrell. Middle-Roy M. Pullen, Gordon R. Doyel, Richard K. Miller, George F. Barker, Robert L. Leighton and James H. Pennington. Rear-William A. Evans, Richard E. Boyer, Cecil T. Daley, Walter K. Smith and John V. Monckton.

Council Elects Dick Frederick

Dick A. Frederick, former China Lake Community Council vice-president, was elected president Tuesday, July 13, leaving the vice-presidency to be filled by election at the next meeting, Tuesday, July

Frederick was president in 1960, and first joined the Council in November.

Two directorships are open on the Council - one from precinct four and one at large. Directors will vote on applicants to the posts July 27. Precinct four's director was the late Lt. Doug Mayfield; the former director-at-large was Dick Hays, now at DOD, Wash-

Those interested in serving in the two directorships should call one of the Nominations Committee members: Bob Glen (chairman) at Ext. 71642, Larry Mesple at Ext. 71436 and Dave Chapman at Ext. 72028.

With Record Barrage **STANDINGS**

We Five

Desert Fire

NAF Crabs

Beaver Patrol

Acey Deucey .

Kunz Photo .

Public Works 7

(As of July 8)

Bronze Bombers .. 141/2 131/2

Desert Motors 14 14

GRB No Names 14 14

Station Hospital 13 15

GRB Pin Busters 11 17

F. O. Eagles 9 19

Softball Standings

WON LOST

221/2 51/2

WON LOST

BY KEN RICH

A grand total of 18 of the Summer Bowling League's 50 red-hot keglers - over one third of the total - scored 500 or better series in action on Wednesday, July 7. I just wish that space would permit a listing of all of them. What a night that was!

We Five continues to dominate the show as they took three games from Station Hospital by a score of 2,494 to 2,484. John Ito was the big cannon with a 556 series for the victors.

Slim Allison's Sage Brush Fire Extinguishers put out the fire of the Beaver Patrol by crushing the Flat Tails 2,397 to 2,165. Frank Holley turned in another nice series of 546. The Bronze Bombers, led

by Jim Sim's 528 tromped on Skeeter Brown's Desert Motors and took three games. The sagging V-8's only joy was the 544 series of Jack Brown.

The old saying of "lots of luck — all bad" seems to hold true for the Apes. They ran into the surging Guidance dar Br. No Names and dropped three games to Milliken's Mets. The Mets were led by Ken Rich (!) with a 531 series.

An inspired NAF Crabs team walked over the dismal GRB Pin Busters. The Crabs took all four games by a high team series margin of 2.504 to 2,305. Ed Pyle led the winners with a 233 high game and a 557 series. The Crabs took high team game too, with a

The battle for last place continues to rage with F.O. Eagles splitting with Acey Deucey. The Chicken Hawks beat the Hamm's Bears back into the cellar after occupying it for a one-game period before the total pins were counted. Bob Waters led F.O.E. with a 516 series while Smiling John Therning grabbed high series for the evening with a 572.

Hot Keglers Clean Up Casualty at Beer Hut in Fast Action

by Bob Hooper Ext. 7-5151

VX-5 wins by a broken arm forfeit. In the fourth inning Wednesday night VX-5's Joe Pereze tried to score from third base as catcher Wendell Sackett of NOTS with ball in hand

tried for the tag and struck Pereze on the shoulder and Bert Galloway but Kunz Phobroke his arm and as NOTS

NAF 6, Public Works 4 In the second game Wednes-

day, NAF picked up another win as Bill Clements wiped out PW six to four in a close game. Long ball hitter Dave Martin (PW) stroked another one over the right field fence for a home run but to no avail. NAF went on to win six to four.

Monday, July 12 Kunz Photo 13, NOTS 7 Frank Bonislowski - Charlie Answorth tried to help Monty Montoya and Val Valantine win against Kunz Photo as

they both belted homeruns off

to also had help from their had no more bench the game big gun Roger Short as he ended there in the fourth in- belted one out of the park as ning, giving VX-5 an 8 to 1 vic- he and the Kunz Photo team went on to win 11 to 6.

VX-5 5, Sidewinders 2 Sidewinders lost another to Don Meritt and his Vampires as the big pitcher gave up only four scratch hits to the Sidewinders but the Sidewinders new comer Jim Ayers did it again with another inside the park homerun (with the help of a double and two errors by the Vampires) but it was a losing fight for the Sidewinders. ("But wait till next year").

Tuesday, July 13 NOTS 5, NAF 4

NAF. Early in the game NAF's shouldn't.

catcher Stan Salmi who just returned from his honeymoon today dropped the third strike of the second out in the third inning and then a wild throw along with a couple more errors helped NOTS score two runs. But a game winning triple by JOE KUHAR who went four for four for the night iced the game for NOTS to get them a tie for the cellar.

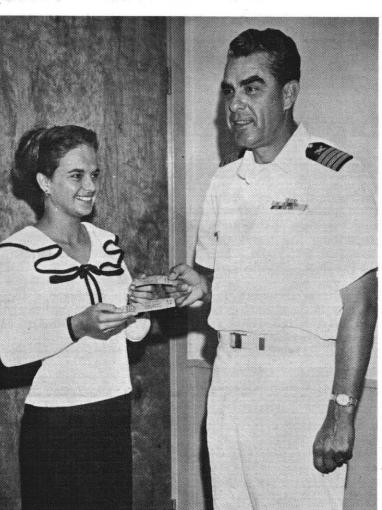
Kunz Photo 3, VX-5 0 Bert Galloway shut out VX-5 allowing only three hits in the shortest game of the season one hour and fifteen minutes. Bob Crawford Kunz Photo third baseman got Kunz Photo off to a good start as he stroked a low pitch over the fence for a homerun to start Bert on his way to another shut out.

A hick town is one that has NOTS came alive to top no place to go that you



20-YEAR NOTS AND FS PINS—Test Dept. members honored for their long service are: Front (I-r)-Deming G. Maclise, John E. Peterson, Virginia H. Proehl, Mable A. Ray, James D. DeSanto, Harold R. Taves. Middle—Quentin S. Dalton, Morton

L. Ertl, Jefferson C. Beard, Melvin E. Miller, Robert L. Brown, John E. Chaffee. Rear-Robert A. Appleton, Maurice E. Westfall, Raymond M. Nelson, John E. Kleine, Samuel Gee, David



SELLS FIRST TICKET—Janice Hukel, Desert Empire Queen candidate, sells first ticket to Capt. Paul W. Jeffrey, Director of Supply. The Supply miss was 1965 Navy Relief Queen.

Orientation Tour Dates Announced

Dates for Station Orientation obtain information regarding for new military personnel personnel matters, such as rebeen announced by Dean He- leave, etc. witt, Head, Employee Develop-

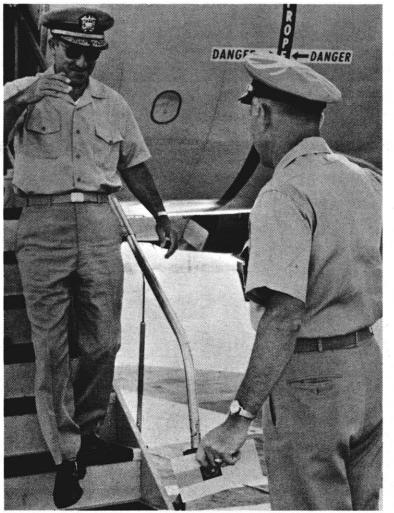
tion concerning the communi- their spouses. ty, with bus tours of the com- Announcements are in the munity and ranges.

opportunities for attendees to Ext. 71359.

and civilian employees have tirement, annual and sick Quarterly Tour in Sept.

ment Division. Monthly meet- The quarterly new employe ings will be held on July 23, Station Orientation is sched-Aug. 6, and Sept. 3 at 7:45 uled for Saturday, Sept. 17 at 8 a.m. at the Weapons Center. a.m. at the Community Cen-Spouses are cordially invit- ter. A half-day session, it is ed to attend the morning ses- presented for new military sions which provide informa- and civilian employees and

mail for the July 23 Station Afternoon sessions are for Orientation. For information or employees only and provide bus reservations, please call



RADM. H. L. MILLER, Commander, Carrier Division Three, is greeted by Capt. John I. Hardy, ComNOTS, as he arrives at NAF for a one-day briefing on Station projects.

Burroughs Grad

(Continued from Page 3)

The Chief's nearly 20 years of service have taken him almost around the world, and to Naval electronics and guided missile schools. He has served on the carriers USS Antietam and Tarawa and on the USS Bayfield, a transport.

He came to NOTS in June, 1962, and was assigned to Test Department's Range Division, Missile Engineering Branch, to work with the Terrier - Tartar program. He plans to retire next year, and take up residence in the Valley after a visit to Rep. of Phillipines.

The Mangapits, with Conrado, Danny, 16, and Leita, 11, live at 201 Dorado St., China

New Check Cashing Policy at Exchange

The Navy Exchange, as part of its continuing effort to improve customer service, will establish a new check cashing policy at its Main Retail Store, according to Lt. Earl F. Mouton, Navy Exchange Officer.

Effective Wednesday, July 28, all personal and U.S. Treasury checks up to \$50 will be cashed only by the cashier located adjacent to the men's department.

Checks for the exact amount of sale in excess of \$50.00 will be accepted at the cash register where the sale is consu-

The establishment of this policy is expected to decrease the time spent waiting in check-out lines.

Breakfast Service Terminated at EDR

Breakfast service at the Executive Dining Room will be discontinued Monday, July 19, according to Cdr. W. J. Snyder, COM/EDR Liaison officer.

Civilian patrons of the EDR may obtain breakfast at the Station Restaurant at the corner of Blandy and South Lauritsen. Officers, on active duty, may utilize the Station Restaurant or the facilities of the General Mess.

Light breakfasts may be obtained at the Michelson Lab or Propellant Plant cafeterias.

When the rank or size of visting groups to NOTS warrant, breakfast will be served at the EDR. At such times, all personnel eligible for use of the COM/EDR facilities are welcome to make use of the breakfast service.

GEBA Assessment No. 98 Is Now Due

Members of the Government **Employees Benefit Association** and the China Lake Mutual Aid Society are reminded that assessments No. 98 and No. 26 are now due.

Assessments have been levied due to the death of Alan J. Kaufman, 58, an employee of the Public Works metal

Kaufman succumbed to a lengthy illness July 7, in the Hollywood Presbyterian Hospital.

Payments of \$1.20 may be mailed to Joseph M. Becker, Secretary-Treasurer, 77-B Renshaw, China Lake.

Nightingale Debuts



SAD FAREWELL, as played by leading man Paul Nelson (Nun Yang) and leading lady Leonna Kinnison (Lin Su) is only a prelude in the "Nightingale's Feather" to be presented this Saturday and Sunday at James Monroe School, Ridgecrest. Chinese theme play by NOTS' Jimmy Rhodes and directed by Bea Moore will be presented at 10:30 a.m. and 2:30 p.m. Saturday and at 2:30 p.m. on Sunday. Tickets are 50 cents each, and are at the Gift Mart, Ridgecrest.

Farewell for Honsik



FAREWELL GIFT-Capt. John I. Hardy, left, presents a farewell gift of a Sidewinder to Capt. C. J. Honsik. Senior Medical Officer here since last July, Capt. Honsik has 10ceived orders to the San Diego area. Military and civilian personnel turned out in a salute to the departing officer.