

THE LIONS—1963 T-BALL CHAMPS—Coach Marv Warner (left) and Manager George Linsteadt flank players (front, l-r) Stephen Linsteadt, Sam Fuller, Stephen Warner, Charles Colladay, Jim Cordle, Barry Bowles and Glen

Smith. Rear: Kirk Ellingson, Jerry Sembach, Derek Cooper, Stephen Ray, Bill Franks, Kevin Keith, Chuck Roulund, Bill Newmyer and Scott Williams. Lions had season record of 11 wins, one loss.

George Handler To Get Ph. D. From Nebraska U.

Propulsion Development Department's George Handler has received notice that he will be granted his Doctor's degree in chemistry from the University of Nebraska the latter part of this month.

A native of New York State, Handler came to the West Coast in 1948.

On graduating from Los Angeles' Fairfax High School, he entered UCLA. He came to NOTS in 1956 after receiving his B.S. degree in chemistry from UCLA.

Handler began his career at NOTS under the Junior Professional Program with the Engineering Department and later transferred to Propulsion Development Department.

In 1961 he was granted a NOTS fellowship to study for his Masters Degree at the University of Nebraska. On completion of his Master's, he took a year's educational leave to work for his Doctor's degree.

Handler married Dorothy Fetter, a former Personnel Department



GEORGE HANDLER

ment employee, in January of 1961. Dorothy just received her Master's Degree in English from the University of New Mexico in July.

They have an 18-month-old son, Lloyd, and reside at 608-A Nimitz.

Plan Golf Tourney For Military Units

Personnel of military units are invited to participate in a Station Intramural Golf Tournament.

Entries must be submitted to the Special Services Office, Code 855, no later than Aug. 13, and should include the name of the team and phone number of the team captain.

A meeting of all interested personnel will be held at the Golf Course Club House at 1 p.m. on Aug. 14.

Hawaiian Luau Set for COM

Colorful mumus, aloha skirts and shirts and Hawaiian straw hats will be the "uniform of the evening" on Friday, August 23, when the Commissioned Officers Mess presents a native luau.

Tantalizing Hawaiian dishes are on the menu. Cocktail hour with Happy Hour prices will be from 4:30 to 7 p.m., and dinner will be served from 7 to 9:30.



JOHN ROBERTS MEMORIAL TROPHY for good sportsmanship in the Little League was awarded this year to two teams—the champion Red Sox and the runners-up Dodgers. At presentation ceremony are (l-r) Todd As-

lanian, representing the Lions Club, sponsors of the Dodgers; Capt. Jack Hough, skipper of NAF which sponsored the Red Sox; Dodger manager Robin Fuller; Red Sox manager Jesse Bell, and Cdr. Denny Knight of NAF.

Set Aug. 24 Scrap Drive To Aid Handicapped Tots

If you've been forgetting or putting off taking all those returnable bottles back to the store, keep on forgetting or putting it off for a little while longer, will you?

And while you're cleaning out the garage tomorrow, please don't throw away all those seemingly useless pieces of scrap metal — those broken garden tools, old horse shoes, hunks of piping, or what have you.

Reds Champs In Farm League

The Reds romped to the championship of the Farm League last Friday when they defeated the Padres by a score of 12 to 7.

The victory gave the Reds a season record of nine wins and three losses. The second place Cubs went 8-4 for the season, the Angels had six wins and six losses, the Mounties 4 and 8, and the Padres, 3-9.

In the clinching game, the Reds got 14 hits and committed three errors. The Padres had 11 hits, six errors.

Members of the champion team are Phillip Ampanano, William Bruce, Bradley Satott, Jules "Pepper" Deffes, Steven Doucette, Stanley Embree, Dennis Hill, David Hillman, Noel Jackson, Jeffrey Leavitt, Daniel Luzzinas, Wayne Shull, David Torres, Craig Cozzens and Michael Huckeba.

Manager Irwin Shull was assisted by coaches Ens. Gordon McDonald, Lcdr. Charles Lentz and Buddy Deffes.

SHOWBOAT

FRIDAY AUGUST 9
"THE BIRDS" (120 Min.)
Rod Taylor, Jessica Tandy
6 & 8:15 p.m.

(Mystery drama in color.) Hitchcock does it again! A small north San Francisco Bay community is attacked again and again by birds despite efforts to thwart them. Unusual action and suspense. (Adult)

SATURDAY MATINEE AUGUST 10
"SNOW QUEEN" (70 Min.) CARTOON
1 p.m.

Short: "Pistol Packin' Woody" (7 Min.)
"Iron Horse No. 7" (16 Min.)
—EVENING—
"DIME WITH A HALO" (95 Min.)
Barbara Luna Paul Langton
7 p.m.

(Drama) Pretty dancer and young brother go to Tijuana where he and other boys win a 5-10 pool only to have numerous difficulties getting the ticket cashed. Not for the young set! (Adults and young people.)

Short: "Friday Cal" (7 Min.)
"Coming Out Party" (7 Min.)
SUNDAY-MONDAY AUGUST 11-12
"BYE BYE BIRDIE" (112 Min.)
Janet Leigh, Dick Van Dyke
7 p.m.

(Musical Comedy) Here's the hit play of an about-to-be drafted rock 'n roll singer who decides on a coast to coast TV farewell for his fans. Full of laughs. Don't miss this! (Adults and young people.)

TUESDAY-WEDNESDAY AUGUST 13-14
"KINGS GO FORTH" (110 Min.)
Frank Sinatra, Natalie Wood
7 p.m.

(War Drama in Color) The superb cast portrays a deeply emotional story of two G.I.'s in romance with the same girl. One is sincere, the other a playboy and the setting is ETO. It's frankly adult. (Adult)

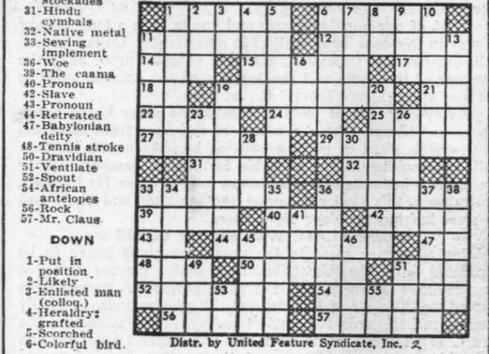
THURSDAY-FRIDAY AUGUST 15-16
"COME FLY WITH ME" (109 Min.)
Dolores Hart, Hugh O'Brien
7 p.m.

(Comedy in Color) A slick fast moving laughfest about three airline hostesses, a pilot, a smuggler and a rich Texan plus the international background of Paris, Vienna, etc. Don't miss! (Adults and young people.)

Short: "Feedin' the Kitty" (7 Min.)

CROSSWORD PUZZLE

ACROSS
1-Boy attending
6-Frequently
11-Partaining to the Alps
12-Lodged
14-Stroke
16-South American mammal
17-Employ
18-Alternating current (abbr.)
19-Fixed duration (pl.)
21-Symbol for tantalum
22-Rockfish
23-Lamprey
24-Becomes insipid
27-Worshipped
28-Russian stockades
31-Hindu cymbals
32-Native metal
33-Sewing implement
36-Woe
38-The caana
40-Pronoun
42-Slave
43-Pronoun
44-Retreated
47-Babylonian deity
48-Tennis stroke
49-Dravidian
51-Ventilate
52-Spout
54-African antelope
56-Rock
57-Mr. Claus
DOWN
1-Put in position
2-Likely
3-Enlisted man (colloq.)
4-Heraldry's grafted
5-Scorched
6-Colorful bird
7-Place where river may be crossed by wading
8-Preposition
9-Large bird
10-Snuggle
11-Three-banded armadillo
13-Transactions
16-Baker's product
19-One who marches
20-Boxed
23-Memoranda
26-Imitators
28-Cloth measure
30-Also
33-Metal fasteners
34-Bars legally
35-Landed property
38-Set
37-Iroquoian Indian
38-Has on one's person
41-Pronoun
45-Short jacket
46-Girl's name
49-Tiny amount
51-Emmet
53-Processed
55-Indefinite article



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From _____ PLACE STAMP HERE
TO _____

OCT. 1 IS CONGRESS GOAL FOR MILITARY PAY HIKE



VOL. XVIII, NO. 31 NAVAL ORDNANCE TEST STATION, CHINA LAKE, CALIFORNIA FRIDAY, AUG. 9, 1963

Bill Passes Senate, Now Back in House

Oct. 1 is Congress' target date for the military pay bill which would increase armed forces personnel pay by more than \$1.2 billion a year.

The bill, passed unanimously by the Senate Tuesday, has now been sent back to the House of Representatives for possible compromise on various segments. The House passed a somewhat similar, but less generous bill last May.

The biggest change by the Senate includes some increases for both officers and enlisted personnel with less than two years' service. The measure would provide the first military pay increases since 1958.

Proponents expect that the measure will go to President Kennedy for approval by Sept. 1 and that it will become effective the following month.

The Senate decided that enlisted personnel who had made petty officer, third class or second class, in less than two years were entitled to an increase of about five per cent. Lower ranking officers with similar service periods would raise of eight to 12 per cent.

The Senate bill also would give officers with two years and more (Continued on Page 2)

Blinkhorn Named Representative in Area Wage Survey

A Department of Defense wage survey of the Los Angeles labor market area will be started soon by an Area Wage Survey Committee.

Representatives of this and other Department of Defense installations in the Mojave Desert and Los Angeles areas and a representative of the Area Wage and Classification Office, Long Beach, will participate.

William M. Blinkhorn, Acting Head of the Wage and Classification Division in the Personnel Department, has been designated as the Commanding Officer's representative here, and Bernie Silver, Head of NOTS Pasadena Personnel Division, as the alternate representative.

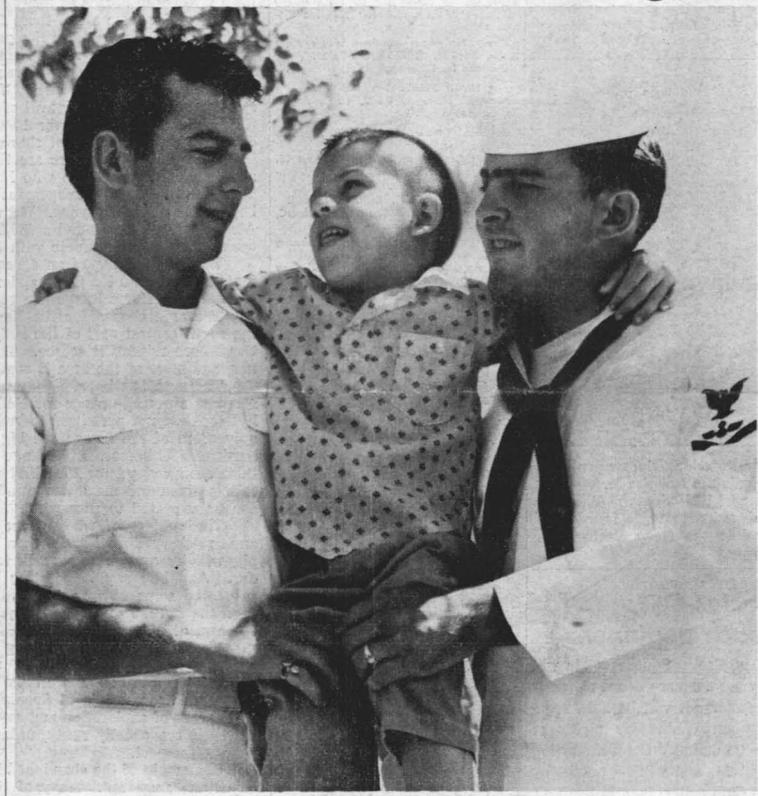
All participating activities will appoint data collection teams. This Station will provide four data collectors and two observers from China Lake and Pasadena.

Data to Washington
Upon completion of the survey, the data will be forwarded to the Office of Industrial Relations in Washington, D. C., where it will be used in compiling a new schedule of wages for ungraded employees in the Mojave Desert and Los Angeles areas.

The results of the survey will not affect the salaries of graded employees who are paid in accordance with the salary schedules contained in the Classification Act of 1949.

Listings of occupations to be surveyed and firms to be contacted have been posted on bulletin boards throughout the Station.

Praise Two NAF Men For Swim Pool Rescue of Boy, 4



'THANKS . . . FOR MY LIFE' SAYS 4-YEAR-OLD JIMMY ARMSTRONG Charles Leonard, AO3, and Thomas Schaffer, AMH3, Saved Him From Drowning

Bluejacket Charles H. Leonard, AO3, and his shipmate, Thomas E. Schaffer, AMH3, will get a letter of commendation today from Captain Jack W. Hough, their skipper at the Naval Air Facility.

It'll praise the quick actions of the Navy pair in saving the life of young James S. Armstrong, 4, whose limp body was pulled from the NAF swimming pool on July 27.

The official letter will be made a part of the service records of both men.

Jimmy Smiles Again
But the greatest source of reward felt by the part-time Navy lifeguards is the wide grin that splits young Jimmy's tanned face today, the short, quick steps he takes as he runs, and the squeals with delight he makes when he plays with his sister, Carolyn, 3.

Both of the men were assigned lifeguard duties at the pool on the afternoon that Jimmy's mother, Mrs. Patsy Hooker, 106½ Independence, took her children to the wide, circular pool at NAF.

Military Payday Here Now Every Other Thursday

A new pay schedule for military officer and enlisted personnel at NOTS China Lake, establishing every other Thursday as payday, goes into effect this week following a command-wide poll that was taken in mid-June.

The vote was unanimous in favor of the new schedule according to Lt.(jg) F. J. Gomez, disbursing officer.

Benefits of the new pay schedule will include a more stable economic system for Navy men here, Gomez stated, noting that its effects would also be felt in Ridgecrest.

One of the drawbacks, which will be evident on Thursday, Aug. 29, is the "short-check" military here will get. By establishing the Thursday pay schedule, personnel will be paid only for the 14-day period between Aug. 15 and Aug. 29, he explained.

Civilian personnel at NOTS are paid on a staggered basis so that pay will be disbursed to either military or civilian employees here each week.

Yanks Are Pony League Champs! Cards Take Minor League Title! Lions Win T-Ball Pennant! Red Sox and Dodgers Share Good Sportsmanship Honors! All This and More on Sports Pages 7 and 8



NOTS' CHARITABLE EFFORT—Executive Officer Capt. J. A. Quense smiles his approval as John Sloan of CARE, Inc., presents Roy Roglin a Certificate of Merit for NOTS participation in this year's Federal Service Joint Crusade. Roglin accepted the certificate on behalf of L. G. (Red) Garman, under whose chairmanship over \$7,000 was raised.

Was Face Down
Schaffer said he spotted the lad, face down, about three feet under the surface in water about five feet deep. (Continued on Page 4)

CHAPLAIN'S MESSAGE

God Has A Tough Job

By CHAPLAIN ROBERT C. FENNING



How would you like to listen to the flood of complaints that flow heavenward from the lips of unhappy men? If the sun shines, somebody is bound to be hankering for rain. And if it rains, well, you know how they mutter about gloomy weather. So, it would be no easy job to have everyone bending your ear about the eternal troubles if you were God.

It's bad enough to hear the grumbles of mankind on the mere mortal level.

They tell the story about the marriage counselor who was consulted by a disgruntled husband. "I don't know what is wrong with my wife," he complained. "When we were first married 10 years ago, I was very happy. I'd come home from a hard day at the office. My little dog would race around barking and my wife would bring me my slippers. Now everything is changed. When I come home, my dog brings my slippers and my wife barks at me."

"Well, what are you complaining about?" asked the marriage counselor. "You're still getting the same service, aren't you?"

That's the way it goes; not even the Lord Himself can please everybody.

The Apostle Paul once wrote to Timothy: "But godliness without contentment is great gain."



TWO RE-ENLIST—Lcdr. L. B. Shults administers re-enlistment oath to missile technician third class Douglas M. Willey and ships serviceman third class Robert B. Hodgson. Willey, who is assigned to Division 15, shipped over for a four-year hitch. Hodgson, who is assigned to the Navy Exchange, signed over for six to make it twenty.

Pay Hike...

(Continued From Page 1) service — between ensign and commander — from \$10 to \$30 a month more than the version approved by the House.

It would also provide an extra \$5-a-month pay boost for petty officers, third class, through CPO over the House increase.

Physicians and dentists who stay in the military for more than six and 10 years would also get higher pay boosts according to a new provision in the Senate bill.

The Senate accepted a House provision which would allow all personnel retired prior to the 1958 pay increase to recompute their retirement pay if this would benefit them.

Cactus Squares To Teach Beginners

The Cactus Squares again will sponsor a square dance class for beginners. It will be held regularly on Wednesday nights at the Community Center, starting Sept. 11, and will be taught by the Club caller, Ivan Hall.

Summer activities of the Cactus Squares have included trips to dance with other clubs in Bishop, Mojave, and Redlands. A trip to Big Bear is coming up. Highlight of the summer season was the annual camping weekend at Greenhorn Mountain Park.

PROMOTIONAL OPPORTUNITIES

Staff Nurse (Medicine and Surgery), GS-5 or 6, Code 88 — General and specialized nursing care in the hospital and out-patient department. Full time and intermittent duty positions.

Apply for above position with Mary Morrison, Bldg. 34, Room 24, Ext. 72032.

Supv. Budget Analyst, GS-12, PD 017022, Code 173 — As Head of the Operations Branch of the Budget Division, is responsible for coordinating the formulation and execution of the direct, indirect and capital budgets for the Station.

Budget Analyst, GS-12, PD 18477-Am-2, Code 173 — Budget Specialist position located in the Budget Division. Primary functions are the performing of analyses related to budgetary and financial management problems or practices and the development of a financial reporting system for supporting bureaus and agencies as well as top management and the departments at the Station.

Employee Development Officer, GS-12/13, Code 654 — Plans and coordinates employee development programs and participates in personnel research projects.

Budget Analyst, GS-7, 9 or 11, Code 173 — Under the supervision of the Head, Operations Branch, the incumbent has the principal responsibility as a junior analyst for providing staff budget support for (2) or more of the Station's less complex Technical Departments.

Administrative Services Assistant, GS-9, Code 404 — The incumbent handles the Administrative details for all the weapons developed in the Underwater Weapons Systems Branch.

Apply for above positions with Mary Watts, Bldg. 34, Room 26, Ext. 72723. Deadline for filing applications is Aug. 16.

NAVY OVERSEAS VACANCIES
Financial Manager, GS-12, USNS, Argentina, Newfoundland.

Personnel Officer, GS-12, USNS, Argentina, Newfoundland.

File Applications no later than August 16.

Management Analyst, GS-9, USNS, Guantanamo Bay, Cuba.

Auditor, GS-9, USNS, Keflavik, Iceland.

Leadingsman (Ground Structures), USNPWC, Guantanamo Bay, Cuba.

Leadingsman, Diesel Engine Mechanic, USPWC, Guantanamo Bay, Cuba.

File Applications for above vacancies no later than August 26.

Planner & Estimator (PW Structures), USPWC, Guantanamo Bay, Cuba.

Applications accepted until position is filled.

File applications for above positions with Navy Overseas Employment Office (Atlantic), Headquarters, PRNC, Washington 25, D.C.

'DESERT PHILOSOPHER'

'Haven for Wild Horses'

By "POP" LOFINCK



(Wild horses of the southwest have been a controversial subject for over 10 years. So here is part of the low-down reprinted from "Our Public Lands," Jan. 1963, Vol. 12, No. 3, published by the U. S. Department of the Interior, Bureau of Land Management, Washington 25, D. C.)

Ever since a primitive and daring man first captured a wild horse—figuring, probably, that four legs were better than two—the sight of a herd of free-ranging ponies has been one to stir the imagination. Not to say, however, that every man, woman, and child reacts the same way to such a sight. To some the wild horse is the last remaining symbol of a romantic West; to others the wild horse is a freeloader nibbling at grass which could be better put to other purposes.

For a city youngster, regimented into a routine of school-bells and fenced playgrounds and horizons that extend to the next row of tenements, the wild horse is an untamed spirit roaming free of all restraint—enjoying a life that knows no boundaries. Stories of the picturesque herds of ponies on Okraoke and Chinicoteague, and the wild horses of Wyoming and Nevada, have given wild horses as many fans as a handsome Hollywood hero—and far from all of these fans are children.

For a rancher, eyeing the grass on the range as so many dollars in the bank, the wild horse is a nuisance, eating forage that could feed livestock. Often the wild horse is a carrier of disease. He holds no respect for such niceties as range conservation, and every mouthful of grass he chews at the wrong time of the year means several less later on for the cow—or the deer and the antelope that share the range.

Recognizing that there are those who love the wild horse, and that there are those who hold him a rascal and a thief, the Bureau of Land Management has worked out a solution it hopes will satisfy everyone. With the active cooperation of the Air Force, BLM has found a 435,000-acre haven for wild horses where they won't compete with domestic livestock.

With the signing of an agreement between BLM's Nevada State Director and the Commander of Nellis Air Force Base, the Nevada Wild Horse Range is a reality!

The area chosen for the Nevada Wild Horse Range is in the south central part of the state, a rugged and desolate section where rainfall is scarce. There are no nearby communities, and most of the area is roadless.

The area has been withdrawn from the national land reserve as a practice range for Nellis Air Force Base. Domestic livestock are not permitted to graze within the target area; the only users of the forage are big game animals and scattered herds of wild horses. BLM range conservationists estimate that there are already some 200 wild horses on the range, adding that this is about the maximum number of horses that the range can be expected to support.

The subject of wild horses has probably aroused more emotion-charged statements than any problem since Mrs. Murphy withdrew a pair of overalls from her Saturday night chowder. And like any long-lasting controversy, both sides have presented some obvious truths. Standing in the middle has been the Bureau of Land Management, often a target of much resentment.

Most of the horses running free on the Western ranges are abandoned domestic stock, unwanted and unclaimed by their former owners. Little trace remains of the true mustang, descended from bands of Spanish ponies that escaped in the early years of exploration and settlement. The horses of today, however, are usually runty, unkempt animals that show their years of neglect.

Ownership of the abandoned horses is often a question that cannot be answered. Many of them are branded, often with brands of outfits long since out of business.

No one gave serious thought to wild horses—except for long-suffering ranchers—until the mid-1950's. Then a series of articles and motion pictures glamorizing wild horses and depicting them as fleet-footed and beautiful animals raised protests from animal-lovers who feared they were vanishing from the range. Basis of many of the protests were methods used to corral horses later sold as pet food.

Heated exchanges took place. One admirer of the wild horses protested before a congressional hearing, "Unfeeling people interested in a fast buck use airplanes and trucks to run the animals down and cart them off 'half dead' to slaughter, for pet food."

A Western newspaper replied, "The true picture of a wild horse is a runty, moth-eaten, mangy little scrub critter of no value anywhere outside a can." The newspaper concluded, "He is a curse to the stockman, a nuisance to the big game hunter and a pain in the neck to the Bureau of Land Management, whose job it is to see that the open range is properly apportioned to feed all living animals dependent on it."

Congress provided the solution to one part of the wild horse problem by passing legislation halting the use of airplanes and motor vehicles in rounding up abandoned horses on public lands. This law, passed in 1959, supplements State laws preventing cruel or inhuman treatment to any animal. While the use of abandoned horses for pet food continues, sales of the animals are conducted in a humane manner and branded animals are private property—subject to sale for any purpose their owners choose.

But while recognizing that large populations of wild horses can do immeasurable harm to the open range, competing with domestic livestock and wildlife, some admirers of the wild horse have long advocated setting up a special range for their exclusive use. The Nevada Wild Horse Range is an answer to their requests.

CPO Wives Install, Dine Then Dance

Mrs. William (Dixie) Shannahan of San Diego will be installing officer for the Chief Petty Officers Wives Club installation and dinner tonight at the Community center. Dixie is a past president of the organization. Also attending with her from San Diego will be another past president, Mrs. Victor Daviss.

Officers to be installed are: President, Mrs. George Morrison; Vice-President, Mrs. Paul Huger; Secretary, Mrs. Wayne Castle; Treasurer, Mrs. Walter Nydegger.

Chairmen for the coming term are: Hospitality, Mrs. Gerald Rogers; Publicity, Mrs. Warren Specht; Entertainment, Mrs. Lloyd Versteeg; Telephone, Mrs. Harold Vardell; Sunshine, Mrs. Albert Papie.

Members and guests will enjoy dancing at the CPO Club following the ceremony. The Millionaires will provide the music.

Rosary Altar Society To Hold Picnic Sept. 7

An Old Fashioned Picnic sponsored by the Rosary Altar Society and the Holy Name Society of NOTS Catholic Church will be held Saturday, Sept. 7, at the Inyokern Park from 4 to 10 p.m.

There will be door prizes, games, and dancing for all. Tickets are \$1.00 for adults, food and drinks included, 50 cents for children, food and two drinks included.

General chairmen for the event are Carol Zaharias and Cliff Gray.

Yankees Champs of Pony League



1963 PONY LEAGUE CHAMPS—The Pony League's Yankees defeated the Indians 3 to 2 Tuesday night to take the Pony League season championship. Players, front row (l-r) are John Kelly, George Chitwood, Gary Travis, Jim Keosky, Mike Whiddon, Steve Chapman. Back row (l-r) are Coaches Lowell Dietz and Richard Cashore, Richard Martin, John Martin, Don Davis, John Weber, Richard DeLeon, Jim Crow, Tom Erickson, and Manager Dave Martin.

The Yankees' Don Davis was the hero of Tuesday night's Pony League championship play-offs when he blasted a grounder to the Indians' third baseman who threw wide to first and allowed two runners to score in an extra-inning of play which cinched the 1963 title for the Yankees, 3-2.

It was a heart-breaking loss for the Indians' pitcher, Mike Baxter, who pitched a one-hitter. The lone hit off Baxter was a home run by Don Davis that gave the Yankees a 1-0 lead in the bottom of the first inning.

Pitchers' Duel
It was a pitching duel all the way between Baxter and John Martin of the Yankees. Martin struck out 16 batters, walked 8, and allowed two hits. Baxter had 14 strikeouts, walked 1, and allowed one hit.

Game Tied in Sixth
The Yankees held their one run lead until the top of the sixth inning when Baxter scored from third when the Indians' catcher dropped a third strike. This tied the game up, 1-1.

No runs were scored in the seventh which required an extra inning of play to decide the championship.

In the top of the eighth, the Indians' Lowell Smith got on first when the Yankees' catcher dropped the third strike, then stole second. With Baxter on first by a walk, Smith stole third, and as the Yankees were cutting Baxter off from stealing second, Smith stole home giving the Indians a one run lead.

Yanks Win With Two Out
Leading, 2-1, in the bottom of the eighth, the Indians, with two out, saw their '63 championship hopes die when Jim Crow and Jim Keosky scored on a fielding error of Davis' single to third to give the Yankees a 3-2 victory and the championship.

RIM SHOTS

By BILL VALENTEEN



With the departure of Little League, T-ball, Farm League, Colt League, and Pony League baseball in the Indian Wells Valley, one usually takes advantage of the calm to draw a dust-free breath and is heard to murmur, "Thank God that's finally over!"

Some of us, however, now take the opportunity to do something we'd really enjoy, and that is to make it down to the beer hut diamond and pick up on some of that wild softball jazz.

If you've never seen Ace call a ballgame, you're missing one of the joys of life. And those guys really go at it all hollow.

10,000,000 PLAYED THE GAME

There was a time, before TV, that softball was really the national pastime. There was a time when more than 10,000,000 people played on organized teams in these United States, under the auspices of playgrounds, schools, industries, Y. M. C. A., church, fraternal or independent management.

The Amateur Softball Association reported in 1949, that over 250,000 teams were registered with that organization. Gross attendance alone ran into the millions as the game grew in popularity.

Women played it, kids played it, donkeys played it—everybody got into the act.

REGAINING ITS PAST POPULARITY

When the TV antenna went up, softball, like everything else at that time, went to the dogs. However, now that the novelty of the "big eye" has worn off, the game is again regaining some of its historical popularity, but so has everything else.

Most of our popular games and sports have a long history of play in this country as well as in other lands. Unlike basketball, baseball and volleyball, however, absolute proof as to the inventor of the game and the location of the original game is not available. Like "Topsy," it just grew.

Everybody sort of feels as though the game began somewhere in Chicago, where a bunch of the boys from some exclusive club, tired of playing polo on bicycles in the banquet hall, put together a set of rules for indoor baseball. They broke off a broomhandle and used a boxing glove for the ball. Pretty soon, this club challenged another club, and Katie had to start barring the door right there.

HOME PLATE WAS SEWER COVER

Incandescence came to the game, the chaff began to be separated from the wheat, meaning better players emerged as everybody began to take the game seriously. Games were started on the spur of the moment—in playgrounds, at family picnics, in backyards and, unfortunately, in the middle of the street. It got so bad, sometimes, that you couldn't drive through a neighborhood without having to suffer the abuse of people who scowled and swore because you drove your car through their ball game.

WALK RIGHT IN, SET RIGHT DOWN

Today, here at China Lake, the vestige of what was once almost always a family affair, is joining with other vestiges, struggling to preserve a form of competition that should normally play to standing room only.

Yet, when you go to the park, the number of people interested is pretty significant by its lessening. The only youngsters present are bawling infants who were dragged along because momma didn't want to get a sitter just to watch daddy play softball.

I do want to enjoy those of you who like grass roots competition in a very natural environment, to "walk right in, set right down, and, baby, let your hair hang down," at one of the only things in this life that you'll ever get for nothing—softball games at the beer hut diamond on Tuesday and Thursday nights.

Keep smilin', Sport! See you next week!

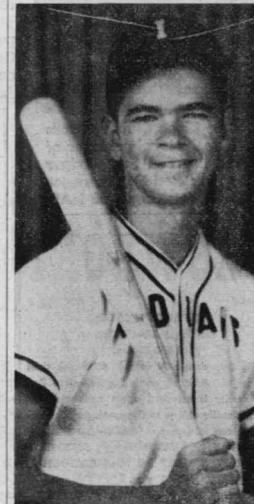
Winter Bowling

The 24 Club, Scratch Women's Bowling League, which bowls at Bowling Alley No. 2 at 8:30 p.m. on Monday nights during the winter season, is changing from four-girl to five-girl teams.

Interested gals should sign up at Bowling Alley No. 2 prior to August 15 to augment existing teams. Joyce Zurn is president and Angie Damico is secretary for the 1963-64 winter season.



PLAYER OF THE YEAR — Dave Bates, Indians' catcher, was voted the Don Bassett "Player of the Year" Award by Pony League players.



BATTING CHAMP — Mike Baxter of the Indians was named batting champ of the Pony League with a record of .498.

Cards Take Minor League Title by Beating Indians

The Cardinals wrapped up the championship of the Little League Minor League Tuesday night by defeating the Indians, 13-10. The Cards had won the first playoff game, 19-18.

Card Coach Jim Fulmer was forced to use three pitchers in each game to snare the 1963 title. In the first game, Larry Freeman, Steve Baxter and Alvin Lewis went to the mound to quell the Indians. Ty Pritchett, Al Cut-singer and John Hill hurled for the Cards in the clincher.

Lewis, for the Cards, showed he is a hitting pitcher in the first game when he socked a homer with one man on.



CARDINALS—MINOR LEAGUE CHAMPS—Front row (l-r) Coach George Freeman, Larry Freeman, Vince Villa, David McDuff, Coach Hartley Braspeninckx, Ty Pritchett, Curtis

Cardwell and Alvin Lewis. Rear: Mgr. Jim Fulmer, Tommy Fulmer, Hart Braspeninckx, Steve Baxter, John Hill, Eric Bjorklund, Gordon Rogers, Randall Duncan and Al Cut-singer.

The Rocketeer

Official Weekly Publication of the U. S. Naval Ordnance Test Station China Lake, California
Captain Charles Blenman, Jr., USN Station Commander
"J. J." Bibby Public Information Officer
Jack G. Broward Editorial Advisor
Richard Grunenberg Editor
Budd Galt Associate Editor
Chuck Mangold Special Services Athletic Director
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DIVINE SERVICES

Christian Science (Chapel Annex)
Morning Service—11 a.m.
Sunday School—11 a.m.
Protestants (All Faith Chapel)
Morning Worship—8:30 and 11 a.m.
Sunday School—9:30 a.m., Graves and Richmond elementary schools.
Roman Catholic (All Faith Chapel)
Holy Mass—7, 9:30 a.m. and 12:30, 5:30 p.m. Sunday.
6 a.m. Monday through Friday, 8:30 a.m. Saturday.
Confessions—8 to 8:25 a.m., 7 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. Sabbath School every Saturday morning.

NOTS Pasadena News

Virginia E. Lane — Ext. 481

Over Except For Crying!

By C. H. McINTYRE

The NOTS team finished the softball season with a fifth place position and four and one-half game win — five and one-half game loss record. This is not too bad for a first-year ball club.

All Close Scores

We were never defeated by more than two runs and that victory can be claimed by only one of our opponents. Unfortunately, in our last game against the league winning team, we did not get our "ups" in last inning batting due to the time limit, the top of the batting order was up.

We have several excellent players in the club. The two outstanding players being Ray Brooks and Don Palmer. These two men were the sparkplugs of the team. Ray led the team in hitting with a .500 average and Don was second with an average of .412. Don scored 11 times

and led the team in that field. The team is confident it will be in the play-offs next year.

Thanks to Fans

Much credit goes to the team players who contributed over half the season's expenses. Each man furnished his equipment, a shirt, a cap, and money for bats, balls, and light fees. The NOTS team made a fine showing and they wish to express thanks to the steady fans who attended the majority of games. We hope these fans will be with us next year plus a greater number of personnel to root for us.

The managers have praised each member of the team for their fine showing. It was a pleasure to play and work with the club, and the beer wasn't bad either. We hope to see the entire club next year. A season's-end party is pending.

Introducing Our New Skipper

During the next few weeks, every group at NOTS Pasadena will have the opportunity to meet with Captain G. H. Lowe, new Officer in Charge. Capt. Lowe phrases it differently — "I want the opportunity to visit every group, meet and discuss programs, and get to know the people. See that I do not miss anyone," he directed your reporter.

We are taking this opportunity in advance to acquaint you with Capt. Lowe. Capt. Lowe entered the Navy in July, 1940. After commission-



CAPT. G. H. LOWE

ing in June, 1941, he served in the Office of the Chief of Naval Operations and later on the USS Indiana (BB 58) in the Southwest Pacific.

WW II and Korea Action From 1943 until the end of World War II, he served as Operations for Amphibious Flotillas 4, 12, and 38, taking part in landings in the Mediterranean Sea and in Normandy. Capt. Lowe served as Operations Control Officer, Naval Personnel Separation Center, Bainbridge, Md., after World War II.

During Korean operations, he was Executive Officer of USS McCaffery (DD 860) and later served on the staff of the Commander Task Force 90 (ComPhiPac) as Force CIC Officer and Assistant Gunery and Readiness Officer. He was Commanding Officer USS Hollister (DD 788) during 1954-1955.

He married the former Daisy Dee Martin of Plymouth, Fla., in 1946. They have two children, Linda Jean and Gary Howard. The Lowes will reside in Pasadena.

Physics. He attended the Naval War College from 1958-1959 and served on the Staff of the Commander in Chief, U. S. Pacific Fleet, as CincPacFlt Representative for Pacific Missile Range until 1962.

Commanded Renville

Just previous to reporting to NOTS as Officer in Charge on August 2, Capt. Lowe commanded the USS Renville (APA 227) from June 1962.

Capt. Lowe is a graduate of the General Line School, Monterey, Calif., and the course in Naval Warfare at the Naval War College, Newport, R. I. He attended Catawba College, the University of North Carolina, the University of Rhode Island, and Ventura College. He received a Bachelor Degree from San Diego State College in Chemistry in 1958.

He married the former Daisy Dee Martin of Plymouth, Fla., in 1946. They have two children, Linda Jean and Gary Howard. The Lowes will reside in Pasadena.

NOTS Softball Team—'63 Season

No.	Name	AB	R	H	BB	SO	RBI	Avg.	E
1	Vickroy	6	...	3	...	...	...	.000	...
2	Talbot	19	1	2	3	2	2	.105	2
3	Moorehead	24	4	4	2	5	3	.167	1
4	Bourne	20	1	6	2	1	5	.300	...
5	Cole	22	4	4	6	2	4	.182	1
6	McIntyre	26	5	7	1	7	6	.308	4
7	Wilhite	4	3	2	5	1	1	.500	...
8	Herberts	...	...	...	...	...	...	...	...
9	Long	8	0	1	0	2	0	.125	...
10	McCarthy	5	...	...	...	2	1	.000	...
11	McKinney	0	...	...	...	...	...	...	...
12	Martin	1	1	0	1	1	0	.000	...
13	Grove	17	5	5	2	3	1	.294	...
14	Palmer	17	11	7	12	5	2	.412	...
15	Kyle	3	1	1	0	1	0	.332	...
16	Johnson	5	1	1	1	3	0	.200	...
17	Brooks	12	6	6	5	3	2	.500	...
18	Hatch	4	0	1	1	2	0	.250	...
19	Miller	17	2	3	0	5	2	.176	...
20	Yarborough	1	...	...	...	1	...	.000	1
TOTALS		212	45	50	41	48	29	.236	10

Change Of Command

Four hundred civilian and military personnel gathered in front of Building 9 last Friday to bid adieu to Captain E. I. Malone, and welcome aboard the new Officer in Charge, Captain G. H. Lowe.

Wallace E. Hicks, Associate Head, Underwater Ordnance Department, opened the Change of Command ceremony with a review of the accomplishments of the past two years, especially complimenting Capt. Malone for his active participation in technical programs.

Lauds Leadership Captain J. A. Quense, Executive Officer, representing Captain Charles Blenman, Jr., ComNOTS, in reviewing the past two years, emphasized the fine leadership of Douglas J. Wilcox, Head, Underwater Ordnance Department, and Capt. Malone, OinC.

"The military-civilian team relationship at Pasadena is a unique and enviable one, and has been strengthened during these past two years," Capt. Quense said. "Capt. Malone has been a strong 'working officer,' a leader, a partner, and a member of the team. Mr. Wilcox, who

completes this team, has likewise been equally capable as a leader and a partner, not only to you, Capt. Malone, but to many of your predecessors.

"The extreme diligence of not only the management team, but the technical and support personnel at NOTS Pasadena, is reflected in the success of the major Research and Development programs completed by NOTS Pasadena in recent years.

Reviews Projects "Such development programs as ASROC, MK 44, MK 46, and the many Supporting Research programs — not overlooking the extremely important test programs at SCI on major weapons such as Polaris, have made NOTS Pasadena one of the top Underwater Ordnance laboratories in the country.

"The network of unique surface and underwater facilities at San Clemente Island, used in major testing programs, are evidence of the 'can do' attitude of the scientists who ask the impossible and the engineers who deliver the impossible in stride. "I am confident that the new partnership will be an equally

successful one, and you, Captain Lowe, have a rare opportunity — the benefit of many years of progress by an outstanding civilian group, the fine military leadership of your predecessors, and the increasingly important projects at NOTS Pasadena for development of better weapons for the fleet.

"Most Rewarding" Capt. Malone thanked the entire organization for the support given him and expressed his gratitude for this "most rewarding assignment" of his military career.

After reading his orders and assuming command as Officer in Charge, NOTS Pasadena, Capt. G. H. Lowe spoke briefly to the group on his philosophy and plans for the next two years, expressing the desire to continue on to new and better programs for the fleet.

Also attending the ceremony were Mrs. Malone and the five Malone children—Miriam, Francis, Eugene Jr., Jane, and Virginia — and Mrs. Lowe, with daughter Linda Jean and son Gary Howard.

Disneyland Navy Night

Fabulous Disneyland has again been chartered by the Commandant, Eleventh Naval District, for a second "Navy Night Party."

Mark your calendar now. Save the night of Saturday, Oct. 26. The party begins at 7:30 p.m. and runs to 12:30 a.m.

Disneyland, the happiest place on earth, belongs exclusively to Naval personnel of the 11th Naval District, their dependents and guests for a gala five-hour party.

Tickets will be available through Special Services offices in about two weeks, priced at \$3 per person, tax included. The number of tickets has been restricted to 13,000 or one thousand less than last year when the

supply was sold out three weeks before the event, so get yours early.

Here's what you get for \$3 per person:

The run of Disneyland; admission to the Park plus admission to all the rides, attractions, and adventures in the Magic Kingdom as many times as you wish (shooting galleries excepted).

Dancing to three outstanding bands — (1) 'under the stars' at Golden Horseshoe Night Club, and (3) to Dixieland music aboard the Mississippi River Boat Mark Twain.



CAPT. E. I. MALONE relinquishes duties as OinC, NOTS Pasadena, to CAPT. G. H. LOWE (right) who reported aboard from the USS RENVILLE.



MILITARY PERSONNEL of NOTS Pasadena, and families of Capt. E. I. Malone and Capt. G. H. Lowe attend the Change of Command ceremonies held in front of Bldg. 9 at Foot-hill last Friday.

Technical Lecture

The "Surveyor Project," which embraces methods of landing an unmanned spacecraft on the moon, will be the subject of a technical lecture to be presented by Dr. T. F. Gautshi at 1:30 p.m. on Tuesday, Aug. 13, in the Conference Room of Building 7.

Confidential clearance is required.

A NOTS Pasadena employee from 1952 to 1961, Dr. Gautshi is now Systems Division Staff Engineer for the "Surveyor Program" at the Jet Propulsion Laboratory.

'Project STORMFURY' Calls NOTS Scientists to Hurricane Hunter Area

By JACK BROWARD

A NOTS "task force" of scientists and technicians departs China Lake next week for San Juan, Puerto Rico and resumption of hurricane modification experiments designed to give man a broader knowledge of weather phenomena.

This year's program, dubbed project STORMFURY, will be conducted as a joint operation, but much of the cloud seeding equipment and techniques originated at NOTS.

Generators Developed Here Silver iodide generators, developed here since 1961 under the direction of Dr. Pierre St. Amand, head of the Earth and Planetary Sciences division, will be used exclusively in seeding operations.

Much of the data gained from "Cyclops," a NOTS weather modification program begun three years ago, will serve as a basis for this year's experiments.

Organizations participating in STORMFURY include men and planes from the Navy's "Hurricane Hunter" units at Miami, Fla., Heavy Attack Squadron 11, based at Sanford, Fla., and Photographic Squadron 62, at Jacksonville, Fla., in addition to those of the U. S. Weather Bureau.

The local group, headed by Dr. John A. Donnan, a member of Dr. St. Amand's staff, includes Lt. Cdr. Robert G. Douglas, Lt. F. J. Phelps, Maurice Hamm, Jack E. Depew, R. C. Noles, William L. Burson and James A. McFarland.

Emphasizing the "team effort" that is represented in this year's hurricane experiments, St. Amand credited the following local personnel for their contributions to experiments which will occur thousands of miles from China Lake:

Niel E. Waggoner, Code 35, Joel Trimble, Code 30, John Burmeister, Code 55.

Rocketeer Lensman Lee Mascarello, PH2, a Rocketeer staff hoptographer, will accompany the group to make a pictorial record of its activities.

Seeding experiments are scheduled to begin Aug. 17, some 300 miles from San Juan, continuing through Aug. 21. Three cumulonimbus (storm) clouds are to be selected, according to a STORMFURY operation plan, two of which will be seeded while the third serves as a control cloud.

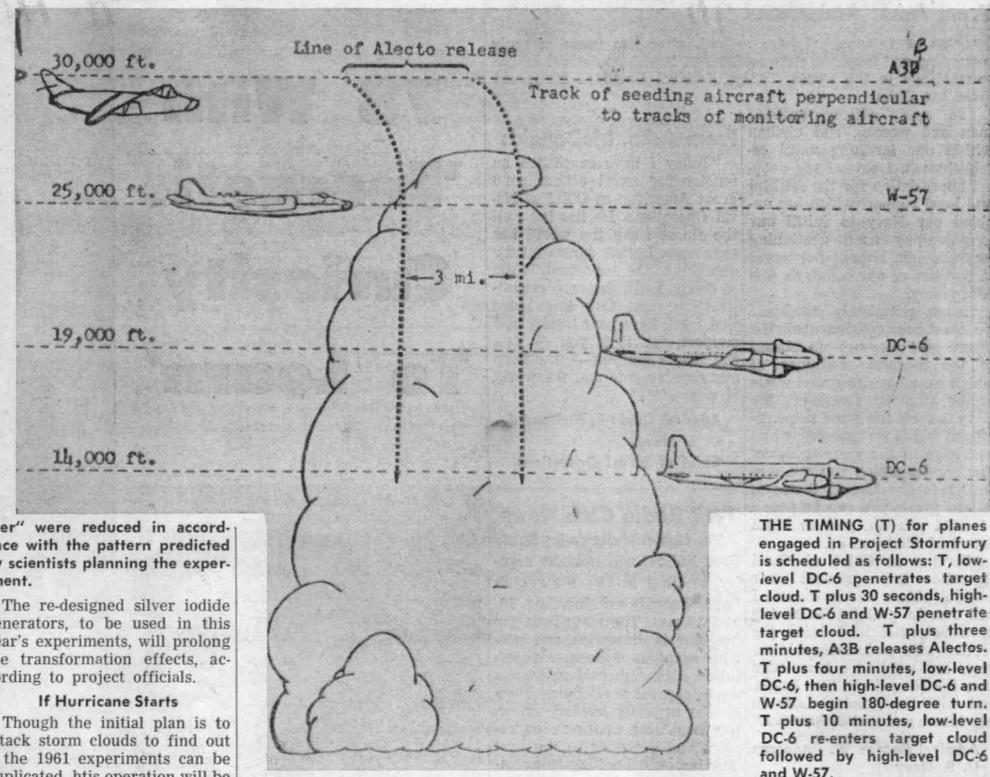
Planned Observation Research aircraft monitoring the seeding experiments will observe the changing in freezing nuclei count, growth of cloud and precipitation forms and temperature changes.

Hurricane "Esther" experiments, conducted in 1961 in conjunction with "Cyclops," revealed that water droplets could be changed to ice crystals by injection of silver iodide at the hurricane's "eye" or primary energy cell.

These discoveries suggested to scientists engaged in the program that the balance of forces in the hurricane might be altered as the water droplets were converted to ice crystals.

"Esther" Calms Down It was during the "Esther" seeding experiments that units observing the hurricane noted "disappearance of the north 'eye' wall for a period of two hours."

Maximum wind speeds of "Es-



ther" were reduced in accordance with the pattern predicted by scientists planning the experiment.

The re-designed silver iodide generators, to be used in this year's experiments, will prolong the transformation effects, according to project officials.

If Hurricane Starts

Though the initial plan is to attack storm clouds to find out if the 1961 experiments can be duplicated, this operation will be abandoned if and when a hurricane develops.

The units engaged will shift their operations and focus experimental efforts on the hurricane, spokesmen said.

Explaining the processes involved in the conversion of water to ice crystals and the results of this transformation, Donnan said the propellant mix or motors of both Cyclops II and Alecto generators consists of silver iodate, powdered aluminum of magnesium and a binder material of complex organic compounds.

During combustion, the silver iodate is decomposed to free silver, iodine and oxygen. The free oxygen combines with the aluminum or magnesium to form the appropriate oxide; and the binder, also fuel, combines with free oxygen to form water vapor and other products.

Finally, the free silver and iodine recombine to form the silver iodide freezing nuclei.

Energy Released

Silver iodide crystals are similar in structure to ice crystals. When injected into clouds, moisture gathers on the crystals and freezes. In this process, energy is released in the form of latent heat of fusion.

Agreements signed by the Navy Department's Assistant Secretary of the Navy for Research and Development, Dr. James H. Wakelin, and Assistant Secretary of Commerce J. Herbert Holloman combined the Navy and Weather Bureau's efforts for Project Stormfury.

The Weather Bureau has conducted its own program on hurricane modification since 1956, following the destructive hurricane seasons of 1954 and 1955.

Director for Stormfury is Mr. Robert H. Simpson. Captain Max A. Eaton, officer-in-charge of the Fleet Weather Facility at Miami, is deputy director of Stormfury.

THOMPSON AWARDS DEADLINE AUG. 15

Nominations Can Be Made Any Time for Station Award

Nominations for this year's L. T. E. Thompson Awards, the highest honor the Station confers, must be in by Aug 15. Nominations should be forwarded to the Station Commander's office.

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DR. L. T. E. THOMPSON ... First Technical Director

to the following: Haskell G. Wilson, Assoc. Technical Director; Capt. Levering Smith, former Assoc. Technical Director; Cdr. John O. Richmond (Ret.), the Station's first Executive Officer and later Community Manager; RAdm. Sherman E. Burroughs, Station Commander at NOTS, '43-'45; Dr. Bruce Hornbrook Sage, pioneer of the Salt Wells Pilot Plants; and a posthumous award to Dr. Gilbert L. Brown, former Head of the Chemistry Division.

1958 Awards

Three recipients were named in 1958. Honored were RAdm. Fredrick L. Ashworth, Station Commander '55-'57; RAdm John T. Hayward, Experimental Officer '44-'47; and Howard A. Wilcox, Head of the Weapons Development Dept. at that time but

who left the Station later.

No Awards in 1959 No awards were made during the year of 1959.

1960 Awards Dr. Ronald A. Henry and Edward W. Price both of the Research Department were recipients in 1960.

1961 Awards In 1961 the largest number of awards were given since the establishment of the award in 1956. Recipients were: Douglas J. Wilcox, Head of Underwater Ordnance Dept.; Leonard T. Jagiello, Propulsion Development Dept.; Dr. William S. McEwan, Research Dept.;

Franklin H. Knemeyer, Head of Weapons Development Dept.; Lawrence W. Nichols, Aviation Ordnance Dept.; Francis M. Fulton, former Head of the Propulsion Development Dept.; and Frank E. Bothwell, former Head of the Weapons Planning Group.

1962 Awards Again in 1962, seven awards were made, with four to Station employees, one to a former Station employee, and two to military men.

Awardees were Dr. Newt Ward, Head of Aviation Ordnance Dept.; Dr. G. S. (Dud) Coladay, Head of Weapons Planning Group; Jack H. Slaton, Underwater Ordnance Dept.; Duane W. Mack, Aviation Ordnance Dept.; VAdm. Paul D. Stroop, Station Commander '52-'53; Capt. Frederic A. Chenault, Station Executive Officer '55-'58; and W. Frank Cartwright, a former employee with the Weapons Development Dept.

1963 Awards Six awards were made in 1957

Statements By Retiring CNO and His Successor

From Adm. Anderson:

"As of 1 August, I have retired, after two years of truly rewarding and inspiring duty as Chief of Naval Operations of the finest Navy in the world. Today, Admiral David L. McDonald takes the Conn.

"To every officer, enlisted man and woman, and civilian within our far-flung naval establishment, I extend my deepest appreciation for the faithful and loyal support which has enabled our Navy to fulfill our long-standing and continuing commitments around the world in support of our country's foreign policy.

"I am completely confident that your accomplishments in the future will measure up always to the glorious traditions of which we all are so proud while at the same time enabling the Navy to meet the grave responsibilities which we have today and will have in the years to come. The service which you are rendering to the United States is indeed great; you can be proud of what you do, just as I am proud of what you do.

"Serving as Chief of Naval Operations is the greatest honor a naval officer can have, and I will ever be grateful for having been accorded it. I leave the service with understandable regret, but with the knowledge that the Navy is in fine hands, and with the greatest faith in her future and that of America."

Admiral George W. Anderson
U. S. Navy
Chief of Naval Operations

From Adm. McDonald:

"Today I have succeeded an outstanding naval officer and a great American as Chief of Naval Operations. He has led well the finest Navy the world has ever seen. I shall devote all my energies to the same goal. While so doing, I will derive great satisfaction from the knowledge that I will have your loyalty and support, for it is you — and the people like you — who keep our country free and the world at peace."

Admiral David L. McDonald
U. S. Navy
Chief of Naval Operations

IVV Radio Club News

The Indian Wells Valley Radio Club K6HPC will hold its regular meeting at the new club house Tuesday evening, Aug. 13, at 7:30 p.m. The main item for business is discussion and possible adoption of the new constitution. All members should make a special point of attending. Help is also urgently needed tomorrow beginning at 9 a.m. on repairs and additions to the new club house. All willing and able-bodied hands please report.

Famed Archaeologist Shows Interest in Local Artifacts

Keen interest in ancient local Indian artifacts, some of which are on display in the Maturango Museum, was shown by the world-famous archaeologist Dr. L. S. B. Leakey, Museum Curator Sylvia Winslow reports.

...Mrs. Winslow and her husband, Slim, accompanied by archaeologist Emma L. Davis of the University of California and G. I. Smith, geologist for the U. S. Geological Survey, interviewed Dr. Leakey for an hour and a half during his recent visit to the University of California at Riverside.

Dr. Leakey is director of the Coryndon Museum for Prehistory and Palaeontology at Nairobi, Kenya, Africa.

...He noted that some of the artifacts shown him by the Winslows were reminiscent of early tools

found in Africa and that some of them may be 20,000 or 30,000 years old.

Among local residents who went to Riverside with the Winslows to hear Dr. Leakey's lectures were Dr. and Mrs. Harold Bennett and Mrs. Max Dubin, Maturango assistant curator.

Blue Cross Agent At Community Cent. Wed.

John Shelley, Blue Cross representative from Bakersfield, will be at the Community Center on Wednesday, Aug. 14, from 9:30 a.m. to 1 p.m. and from 2 to 4:30 p.m.

78 With 'Energetic Curiosity To Learn'



BINOCULARS got a good workout when 78 science students from high schools throughout the nation visited China Lake as part of a week-long tour of Naval installations in Southern California. They were selected for their scholastic achievements.

Student 'Science Cruisers' See ASROC Test Shot



ONE OF THE HIGHLIGHTS of the "Science Cruise" students' tour of NOTS last week was witnessing the test launching of an ASROC (arrow). Their intense interest in science was demonstrated by the numerous questions they asked while here.



SPACE-AGE SCIENTISTS-TO-BE watch and listen as tour guide Dick Rusciollelli (right) explains test range operations. Youngsters attended seminars here, too.

'The Link Between What We Know Today And What Our Future Will Be...'

What are the qualities of a scientist? This question would get a multitude of answers, each of them probably right. But, the predominant quality was evidenced last week as 78 high school science fair winners probed the depths of weapons research and development at China Lake.

Here, in conjunction with the Navy's annual Science Cruiser program, the youths demonstrated "an energetic curiosity to learn," according to a local scientist who observed the group during its tour of NOTS facilities.

Representing 22 western states, the junior scientists watched an ASROC launching, toured Michelson Laboratory and heard presentations on various field of research programs by local authorities.

As part of the Navy-sponsored tour, the group was given a day-long cruise aboard an

aircraft carrier, completed a week-long whirlwind tour of southern California Navy and industrial plants and had their chance to witness the drama of scientific application.

A companion program for students from the eastern half of the U. S. is conducted with corresponding values represented.

A spokesman for the program explained the Navy's interests in America's generation of young scientists this way.

"At its present rate of progress, scientific data doubles every eight years. This pace is picking up rapidly.

"Our youngsters represent the link between what we know today and what our future will be in our scientific world of tomorrow."

In its own way, NOTS China Lake was helping supply tomorrow's scientists with some of the answers they'll need in life ahead.



MICH LAB intrigued the students. Here they read how Dr. Michelson won Nobel Prize, a goal each of them no doubt hopes to attain.



NAVY RELIEF INTERVIEWERS—Twenty officers' wives have completed a Navy Relief Interviewers Course conducted here by Laura Walters, executive secretary of the Long Beach Navy Relief Auxiliary. Seated (l-r) are chairman Carrie Reck, sponsor Rhea Blenman, Laura Walters, co-chairman Rose Mc-

Allister, Sue Byrd, Kate Hertel. Back row (l-r) are Betty Clasen, Donna Shoman, Charlene Jones, Polly Callahan, Terry Stromski, Angie Tambini, Jane Speaker, Helen O'Connor, Jennie Ritter, Irish Miner, Charlotte Crombie, Norma Lindberg, Sally Sykes, and Colleen Russell.

Rescue Boy From Swim Pool

(Continued from Page 1) Lifeguards on duty split the pool area so that they can watch the entire pool at all times, he explained.

Leonard, standing watch at the other side, saw his partner go after Jimmy and raced around to that side of the pool.

The Sound of Life

"Started giving him mouth-to-mouth respiration as soon as Schaffer brought him in," commented Leonard, noting that Jimmy's little body had turned blue and there was no sign of life in the youngster.

"That first gasp for air and coughing sound was the most wonderful music I've ever heard," exclaimed Schaffer, who told how he gave the brown-eyed tot artificial respiration while his partner phoned for an ambulance and the fire department.

Aside from his fright and being a pretty sick little boy, Jim-

my was back to normal the following day.

And at least two Navy men breathed much easier.

Summer School Ends For 1330 CL Students

The Summer Program of the China Lake Elementary School District ends officially today on a note of success.

Over 480 students took advantage of the primary programs at Desert Park, Groves, Richmond and Vieweg schools, and more than 850 students attended the Summer Selective Program at Murray School, William L. Stokes Jr., announced.

The public was invited last night to see culminating performances including the band, vocal music and string instruments, foreign language groups, dramatic class, and to see model, woodshop, art and handcraft displays. The program was held at Murray School Cafetorium.

Tips for Better Air Conditioning

The Public Works Dept. offers the following suggestions to get better results from your air conditioning unit:

Keep doors to outside closed. Open only one window per room (4" to 6" at bottom) on sides of structure away from the wind. Do not block these openings with shades, etc.

Shade windows on sunny side of building. Do not use lights or appliances unless needed. Start air conditioning unit earlier as days get hotter.

Do not interfere with waste water flow from air conditioning room or drain lines from roof. To do so will cause your air conditioning unit to "salt" up, resulting in poor operation. Let waste water flow freely. Do not attach hoses.



DISTINGUISHED VISITOR, Maj. Gen. Robert Wienecke, a member of ARPA's newly created Directors Staff Group, was greeted by NOTS Technical Director Dr. Wm. B. McLean (right) and Associate Technical Director H.

G. Wilson to begin tour of station Monday and Tuesday. Gen. Wienecke is advisor for the entire ARPA program, with emphasis on Project AGILE. He conferred with department heads in Mich Lab.