

JIMMY CROW of Ridgecrest gives last minute instructions to Pete, a desert tortoise, before post time for the traditional "Turtle" race held each year at the Desert Empire Fair, Ridgecrest. This year's Fair, the thirteenth annual, runs from September 18th through the 22nd.

## Two Public Works Men Get 30-Year Service Pins

Two veteran Public Works Department men, A. A. "Al" Tewksbury and Harry F. Bird, were presented 30-year Federal Service pins by Capt. Charles Blenman, Jr., ComNOTS, in cere-

Al- or Tewks, as he is known by his many friends—is "sort of" retiring and will live in the Denver, Colo. area, but Harry figures on working a few more

bury says he plans to take up a 931. He has held several posinew career, maybe in sales en- tions in the Engineering Design FRIDAY gineering or with an engineer-

Al came to NOTS in December specification writing for con-sippi River. struction and maintenance of In following years he worked electrical facilities design.

degree in electrical engineering Ohio River. Then came his transfrom the University of Denver, fer to the Navy and his arrival Tewks joined the Bureau of Re- here in 1949. clamation to work on many hy- Harry's wife, Gladys, is em- is solved with action and intrigue. (Adult) droelectric projects as the Hoo- ployed in the Aeromechanics Diver, Grand Coulee, Parker and vision of the Weapons Develop-

Bird has been at China Lake since February, 1949, when the Public Works Design Office was By "sort of" retiring, Tewks-still in temporary Building No. groups and presently is in the Specifications Branch.

Harry began his Civil Service of 1954. From Head of a sec- career in 1931 with the Departtion to Project Design Engineer, ment of Agriculture at Madison, he has been active in facilities Wis. Two years later he joined with Polly os "Guined Pig." (Adult) and utilities studies evaluations the Corps of Engineers and work- SHORT: "Greedy Gabby Gator" (7 Min.) and reporting, long range shore ed on plans for navigation locks SATURDAY station development planning, and dams on the upper Missis-

facilities by contractors, and for the Corps in West Virginia and Pennsylvania on various In 1933, after receiving his flood control projects along the



"FAIRY SHRIMP" DISPLAY CASE is given some final touches by Dr. Harold Bennett, Sylvia Winslow and Dr. Jean Bennett (I-r). Many thanks go to the Bennetts for the weekends and evenings they spent building the case. Mrs. Winslow will design the background for the display which will be completed soon for viewing at the Maturango Museum.

reserve personnel at China Lake | Renewal subscribers are behave scheduled a gala dance at ing urged to turn in their cards

band from the Naval Training said. The sales committee esti-

attend the dance. Admission is

nicians to augment the regular tional emergency is declared by the President of the United States," said Cdr. Robert R. Sizemore, USNR-R, administrator for Patrol Squadron 7709 based at

"Many people residing in the Brune, Jean Christman, Ann USN, Assistant Chief for Re-Ridgecrest-China Lake area, and Cierley, Marcia Clark, Fay Couch, search, Development, Test and having applicable civilian skills, Jean Dillinger, John DiPol, Lemay qualify for advanced ratings in the Naval Air Reserve at this time. Further promotion comes

Jean Dillinger, John DiPol, Le-Roy Doig, Ron Erickson, Carroll Evans.

Evans.

Col Followtter Ed Foy Doris

"Personnel entering the Naval Air Reserve are required to participate in training activities at Hammer, Dovie Hampton, Ray members are invited to attend. He and his wife, Rachel, and the Naval Air Station, Los Alason, David will live at 67 West mitos, one week-end each month Broadmoore drive, Littleton, and two weeks during the sum-

"THE CARETAKERS" (98 Min.)

- MATINEE -"WILD STALLION" (70 Min.) Beng Johnson

1 p.m. SHORT: "African Diary" (7 Min.) "Iron Horse '11" (16 Min.) - EVENING -

"HARBOR LIGHTS" (68 Min. (DOUBLE FEATURE WITH FOLLOWING)

"POLICE NURSE" (64 Min.) Ken Scott, Merry Anders (Mystery-Drama) Handsome policeman as a nurse track down a killer and a black-market-for-babies ring. (Adult) SEPT. 15 - 16 SUN. - MON.

"A GATHERING OF EAGLES" (115 Min.) Rock Hudson, Rod Taylor 7 p.m.

(Air Drama in color) New Comm f toes as he sets out to improve a static nat failed an alert test. Men and gian anes form the background as you see many

SEPT. 17 - 18 "SAVAGE SAM" (103 Min.) Brian Keith, Tommy Kirk (Western-Drama) Disney tells of three young-

ters who are carried off by Comanches and now they are found by the son of Old Yeller who leads a posse. Lots of Action. Adults and young people) SHORT: "Lighthouse Keeper" (7 Min.)

SEPT. 19 - 20 "CARRY ON REGARDLESS" (90 Min.) Sidney James, Kenneth Connor

(Comedy) Here's that "Carry On" gang of mble-fingers as a group placed in various ble bath, window cleaner, safety belts and oys. This is a real "sleeper" of wacky, rolking comedy (Adults and young people)

SHORT: "One Weak Vacation" (7 Min.) "Gun Play" (10 Min.)

# Naval Air Reserve Dance Sept. 28 to Have 15-Man Band For Concert Series

ng programs available in the season of the NOTS Civic Concert Association, Dr. G. S. Colladay, Naval Air Reserve, local area chairman of the ticket sales campaign, announced.

the Community Center, Satur- as promptly as possible so that Harrison, Ray Haugner, Terry day, Sept. 28, commencing at the remaining seats in the \$10 Haycock, Betty Heflin, Dean and \$8 may be offered to new Hewitt, Ken Heyhoe, Russ Huse, The famous 15-man dance season subscribers, Dr. Colladay Dorothy Jackson, Eleanor John-Center, San Diego, will provide mate is that approximately 200 Jim King, Earle Kirkbride, top entertainment with a variety seats remain for sale out of the Marian Licwinko, John Lindberg, the latest sweet-and-swing 1100 seats in the Station Thea- Rosalie Lindholm, Ernie Long,

Young men and women of the The series begins Nov. 13, star- McClung, Roy Metcalf, Fred Nafirst enlistment age, veterans in- ring Basil Rathbone in an eve- than, George Oftedal, Mary Penterested in continued association ning of poetry reading, Sam Hin-nington, Carrie Reck, Joe Rice, with a military organization, and ton, ballad singer, co-stars with Ken Robinson, Willa Schaniel, men and women with civilian- Alan Mills, Canadian folk sing- Esther Schilberg, Helen Schoss, developed skills, are invited to er, on Dec. 4; Rise Stevens, Met- Bud Shull, Jim Sims. ropolitan opera star, sings on Ellen Skaar, Marge Sorenson Feb. 4; Jose Greco & Company, Bob Stirton, Marilyn Thixton, "The purpose of the Naval Air Spanish ballet, on Feb. 18, and Sylvia Tillitt, Charlotte Walker, Reserve training program is to the series concludes March 11 Hildegarde Weinhardt, Clarence provide a pool of trained tech- with the Alice Schoenfeld En- Weinland, Bruce Wertenberger, semble in a program of chamber Mary Wickenden, Eldon Wil-

> Ticket inquiries may be di rected to ticket manager Lou Bagge at 7243231 or to any of the Reception To Honor following ticket salesmen: Mel Bens, Russ and Beth Bjorklund, RAdm. E. E. Fawkes Bob Blaise, Carroll Butler, Sue Rear Admiral E. E. Fawkes,

with additional training and ex-Firsht, Mickey Freedman, Bel there will be a reception at the Cal Fallgatter, Ed Fay, Doris In honor of Admiral Fawkes

Earl Love, Bill McBride, Lorraine

liams, Genevieve Wise.

Frisbee, Aileen Fullerton, Beu- Commissioned Officers Mess this lah Glidewell, Al Gordon, Doris evening from 6:30 to 8 p.m. All

#### 'Answer to Previous Puzzle CROSSWORD PUZZLE

wealth 37-Label 38-Chicken 39-Pit

47-A state 51-Burma tribesman 52-Century plant 53-Narrate 56-Great Lake 57-Grain DOWN

For Use In Authorized Service Newspapers Only.

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## United Fund **Drive Starts** Wednesday

Twenty-six NOTS United Fund Drive representatives met yesterday with Capt. F. F. Reck, director of the drive on the Station, to organize plans for the campaign which gets underway Vol. XVII, No. 36 next Wednesday throughout China Lake, Ridgecrest and Inyo

The 1964 goal has been set at \$48,000. Nine local, one national and several other miscellaneous health and welfare agencies will benefit from the IWV drive.

J. B. McKernan, the area campaign chairman, announced that the Kern County Chapter of the American Cancer Society will be included in this campaign's bene-

NOTS Representatives

The NOTS representatives coordinating with Capt. Reck, and their respective Codes, are Fred Richards, 003; Alice Thorpe, 113; David Peck, 121; L. S. Licwinko, 1501; LCdr. G. A. Savage, 16; R. M. Glen, 174; Lt. E. P. Mc-Bride, 18; Les Fairall, 201; N. G. Lynn, 2591.

Chief O. R. Nichols, 28; Beatrice Tucker, 29; James J. Galviano, 300214; Robert Root, 35-101; Dr. E. E. Benton, 4056; Foy McCullough, 453; L. Neal Webb. 502; J. Deffes, 55402; Alice Day, 65; W. R. Hattabaugh, 70305 Beverly Johnson, 7502: Alma Cowan, 851; R. R. Johnson, DT1 87; Chief C. T. Goodreau, 88; Lt. (ig) J. M. Stanfill, 90; S. P. Bo guchwall, Burroughs High School, and V. N. Wall, China Lake Elementary Schools.

Big Dance Planned One of the highlights of the campaign will be a dance at one of the hangers at the Naval Air Facility here, Lt. McBride, chair-

announces the tentative date for the gala is Friday evening, Oct. 4. All proceeds from admission charges will go to the United Fund.

At least three dance bands and some big-name entertainers from out of town are scheduled to appear. Valuable prizes, donated by merchants of the area, porters. All residents of Indian Wells Valley and surrounding areas are invited.

dance committee are Chief Wil- lor.

(Continued on Page 2)

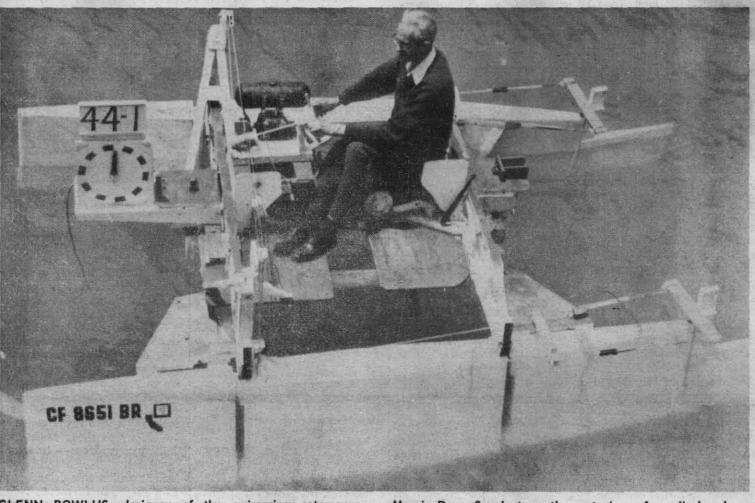


NAVAL ORDNANCE TEST STATION, CHINA LAKE, CALIFORNIA

Friday, Sept. 13, 1963

Runs Silently, Leaves No Wake!

## 'Swimming Boat' Under Tests at Morris Dam



GLENN BOWLUS, designer of the swimming catamaran, guides his unique little craft through the calm waters of

## will be given to fund drive sup- Ice Cream Parlor To Open Sept. 24

Assisting Lt. McBride on the for China Lake's ice cream par-Taylor and Rochek said tenta-

Don Rogers is organizing the ship firm of Wavey Lee Taylor for 48 people. and Tony Rochek of Bakersfield.

Sept. 24 was announced this the ice cream parlor will be loca-

liam Dobbins, Denny Lyons, Bill Under a concessionaire agreeliam Dobbins, Bill Under a concessionaire agreeliam Dobbins agree agre ment between the NOTS Emplo-through Sundays. The parlor will Stephens is also coordinating yee Services Board headed by be closed on Mondays. the campaign in Ridgecrest, and Jack Richards, and a partner.

There will be seating capacity line from of Weyney Lee Toylor

#### Morris Dam. Sawdust on the water's surface disclosed very little water disturbance.

(The Navy is surely interested in higher efficiency and less noise for its ships, but will swimming submersibles achieve these objectives in a practical way?)

NOTS, PASADENA - While employed at NOTS in the Torweek as the grand opening date ted adjacent to the Post Office. pedo Development Division, Glenn Bowlus suggested that torpedoes and submarines should swim to achieve self-locomotion in

# Chiefs' Meet

Under the leadership of Lee M. Green, 11th Naval District Fire Marshal, 66 fire chiefs, inone hosted by NOTS.

Discussions by leaders in industry and the military enlighttection of hazards, operations of ed. the structural branch, and mod-ern fire fighting equipment.

He returned to Morris Dam, where he had spent many months

and introduction of the con- a swimming catamaran which ferees. Other speakers during had been built by his son, Bob, the 3-day conference, program- and grandson, Dave, to Glenn's med by China Lake's Fire Chief design. His boys came along to James P. Davis, included D. W. launch and operate the unusual Jacobson, R. L. Swift, Fred A. type surface craft.

Trask, D. P. Eadens, O. C. Gil- The double-pontoon catama-(Continued on Page 3)

which could be tested at Morris Dam as a forerunner Of course, the idea seemed

stead of being pushed forward

by propellers. He said then that

he could build a swimming boat

spectors, and engineers convening the Navy's research proed here Sept. 10, 11, and 12, for grams. But this attitude only the district's 14th Annual Fire served to increase Glenn's deter-Chiefs' Conference — the first mination to build and test a boat that swims.

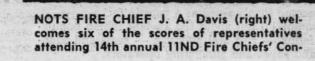
**Determination Pays Off** 

On July 10, several months ened the group on advanced after his retirement from Hydromethods and techniques in such dynamics Group, Glenn's pursubjects as fire prevention and pose regarding the test of a protection, instruments for de- swimming boat was accomplish-

District Operations Officer, Cdr. J. F. Hutto, USN, gave the welcoming address after roll call

This time he brought with him

son, and E. S. Lynds, Jr. Assist- ran is 12 feet long and 6 feet ing Davis in arranging for the wide and will carry two people. conference were Fire Protection The draft is about 18 inches of (Continued on Page 6)



ference here. Left to right are D. P. Eadens, L. M. Green, D. W. Jacobson, H. S. Lynds Jr., R. L. Swift and F. A. Trask.

Nebraska, Missouri and Kan-

Atlantic Coast

member is boasting invincibili-

ty, a your-guess-is-as-good-as-

mine season is expected. The

Southern Conference

Missouri Valley

pre-season limelight. But care-

fully watch new conference

Mid-American

ence in the nation Miami (Ohio)

which shocked Purdue last year

Ivy League

but Columbia and Yale, with

dynamic new coach John Pont,

QUIZ

SPORTS

1. Babe Ruth hit 714 home

4. What football coach worked

as head coach the greatest num-

5. Who was the first Ameri-

did the players on the winning

(Answers to Quiz)

ed individual shares of \$11,231

the current record high.

Harvard and Princeton.

the Yankees.

team collect \$10,00 or more?

Harvard is ripe and willing.

In the fastest rising confer-

Tulsa and Cincinatti share a

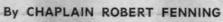
West Virginia stands alone.

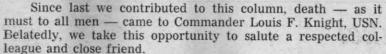
In a year when no league

used to eviction

CHAPLAIN'S MESSAGE

## In Memoriam Cdr. Knight





As Executive Officer of the Naval Air Facility, Lou Knight frequently called upon the chaplains to sit down and discuss some problem relating to the well-being of a man or family whose circumstances were known to both of us. He was always interested in studying details of a given case so as to be able to come up with a positive recommendation regarding it. We did not always come up with the same answers. Sometimes we disagreed. But it was here that we saw Commander Knight as a man of exceptional ability and insight. He had a gift for keeping things in their proper perspective - a characteristic not frequently found in the circles of the clergy. He was passionately practical. His heart (and he had a big one) did not overrule his head. He held a deep sense of obligation to the total group, and the exception was so considered only on the basis of reason and pure logic. Lou was a fair shooter.

Commander Knight was a friend of the chapiains, and the chaplains have lost a valued friend. It seemed much too soon to pipe him aboard at Heaven's portals, but, as always, we yield

to the way of our Father.

## Constitution Observance Week Program Planned

11:30 a.m.

5:30 to 6:30 p.m.

The 176th anniversary of the Master Lewis D. Radcliff. Comsigning of the Constitution of the prehensive forums planned by 10, 1963). Observance Week beginning roughs Chapter of the National Colif., no later than Sept. 10, 1963). Monday.

sponsored by Indian Wells Val- roughs Debate Team. ley Lodge No. 691 F & A.M. un
The forums will be held on Subic Bay, Philippines. (File application with

## United Fund . . .

(Continued from Page 1) drive in Inyokern.

To Ask Pledges Donors will be encouraged not tions, but to pledge additional High School. sums payable in quarterly in-

ber agencies which will benefit to attend these meetings. from the campaign are Desert Area Family Counselling Service, IWV Chapter of American Red Jewish New Year Cross, Desert District Boy Scouts of America, IWV Recreation Services Next Week Council, Joshua Tree Council, Jewish New Year services be- 2, Colif., no later than Oct. 10, 1963). Girl Scouts of America, IWV gin next Wednesday, Sept. 18, at Council for Retarded Children, Salvation Army, Desert Area the All Faith Chapel. On the Council for Retarded Children, Salvation Army, Desert Area the All Faith Chapel. On the Children, Salvation Army, Desert Area the All Faith Chapel. On the Children, Salvation Retarded Children, Salvation Army, Desert Area the All Faith Chapel. On the Children, Salvation Retarded Children, Salvation Re Emergency Relief, Campership following day services will start 25, D. C.) Aid, Blind Veterans Association, ices.

## PROMOTIONAL

ROCKETEER

plications should be accompanied by an up-to-date Form 58. The fact that positions are other means to fill these vacancies.

Staff Nurse (Medicine and Surgery), GS-5

r 6, Code 88 — General and specialized
ursing care in the hospital and out-patient

DEADLINE FOR FILING. Sept. 20, 1963, file Application for above with D. Childers, Bldg. No. 34, Rm. 26, Phone 72676.

Electronics Mechanic, \$3.20 to \$3.46 p/h, JD No. 185-5, Code 3551 — Operates, tests, and aircraft under evaluation on the ranges.

DEADLINE FOR FILING: Sept. 20, 1963. File Application for above with M. Morri Bldg. 34, Room 34, Phone 72032.

NAVY OVERSEAS VACANCIES Management Analyst GS-9, NSD, Gaun (File application with Navy Overseas Employment Office (Pacific), Federal Office Building,

United States on Sept. 17, 1787

the Constitution Observance
will be observed throughout the Committee of the Masonic Lodge,
Navy Overseas Employment Office (Pacific), valley during Constitution will be presented by the Bur- Federal Office Building, San Francisco 2,

der the direction of Worshipful Monday, Sept. 16, at Monroe Navy Overseas Employment Office (Pacific), School Auditorium from 10:50 to

1:30 a.m.

Tuesday, Sept. 17 — BakersDept., Naval Station, Sangley Point, Philipfield College at Burroughs High pines. (File application with Navy Overseas School Multi-purpose Room from than Sept. 10, 1963).

Wednesday, Sept. 18, at all General Supply Officer GS-11, Public Works only to make an initial contribugovernment classes—Burroughs
tions, but to pledge additional High School al Building, San Francisco 2, Calif., no later than Oct. 10, 1963).

a.m. and from 1:30 to 2:25 p.m. Works Center, Subic Bay, Philippines. (File Among the United Fund memThe public is cordially invited Office (Pacific), Federal Office Building, San

Chinic in Bakersfield, United Theological Seminary in Los Employment Office (Atlantic) Hdqs., Poto Service Organization, Travelers Angeles will conduct the serv- mac River Naval Command, Washington 25,

> call Ruth Schuyler, Ext. 74824. tion with Navy Overseas Employment Office 2. Calif., no later than Oct. 1, 1963).

Liquid Fuels Distribution System Operator, \$3.53 p/h, Naval Supply Depot, Guam. (File

Supervisory Housing Manager, GS-11, Pub-lic Works Center, Subic Bay, Philippines. ment Office (Pacific), Federal Office Building, San Francisco 2, Calif., no later than Oct. 1,

Quarterman, Diesel Engine Mechanic, Public Works Center, Subic Bay Power Plant, Philippines (File application with Navy Over-seas Employment Office (Pacific), Federal

Instrument Mechanic Electrical, \$3.78 p/h, Public Works Center, Guam. (File application with Navy Overseas Employment Office (Pacific), Federal Office Building, San Francisco Calif., no later than Oct. 1, 1963.

Contract Specialist, GS-9, in Vietnam( Sai-Employment Office (Pacific), Federal Office Building, San Francisco 2, Calif., no later than Oct. 1, 1963).

# San Clemente

By "POP" LOFINCK

SAN CLEMENTE ISLAND — The U.S. Navy really got something here when they acquired the jurisdiction of this island from the Secretary of Commerce in 1934. Unique is a good word.

The most interesting, dominant features of San Clemente Island are the caves. Hundreds of them - that should be explored - Intriguing! More about the caves later.

It seems few people have accurate information about the Channel Islands off California.

San Clemente Island is approximately 21 miles long and four and one-half miles wide at the widest point. These figures are arrived at from an aerial picture. The highest point is 1964 feet above the present sea level - according to Naval Institute.

This island is the top of a high mountain peak that rose up or was elevated from the floor of the ocean three miles down to the west - by faulting and volcanic actions - about three million years ago.

There are sea shells cemented in rock formation high up above the ocean so you can observe the successive stages by which the island was elevated.

Three million years is a long time - during which there were several glacial periods — when the ocean was much lower than today's sea level. So the island has some ancient sea beaches down under the present ocean level. I'm told. To the west this submerged mountain range slopes off gradually down to three and one-half miles deep.

To the east — toward the mainland it goes down precipitously. There is a channel between the island and the mainland a mile deep. It drops down 600 fathoms a mile out.

So seemingly it was not connected to the mainland by a land bridge as some of the northern channel islands were. The north end is about 60 miles south of San Pedro. And

about 80 miles off shore from Laguna Beach. With all that ocean acting as a thermostat, and its location that far south, the climate is almost perfect. Most of the island is a lava formation from an ancient volcano.

As the lava was cooling gas bubbles formed these hun-

The highest point is near the south end.

There are narrow winding canyons several hundred feet deep — with precipitous or almost perpendicular sides. You can see many caves on the far side of the canyon -

some near the bottom — others halfway up — or halfway down - only accessible to mountain climbers or goats. It takes a rugged Jeep or pickup - preferably four wheel

drive - and a good driver to get to a point where you can look down into these canvons. Many of these caves were once inhabited by the ancient

Indian population — (more about them later) — now occupied by goats. San Clemente Island is supposed to be barren of trees -

as a joke San Clemente National Forest consists of 5 trees count them — three medium sized and two small trees. But the canyons I looked down into had a very dense growth of trees for several hundred yards at a stretch - an open space and then more trees. They looked like Junipers — I didn't have my binoculars. So there must be springs in these canyons. I whistled and yelled down into a deep narrow canyon and

four goats with kids walked leisurely out from the trees to an open space and stood there looking up at me - unafraid. They were a brownish tan color — as goats should be.

Then I looked down into another canyon - not far away and there were black and white goats. Their front end was solid black and their rear end solid white. First time I ever saw a black and white goat. But there they were.

This canyon was so deep they looked small - but their coloring made them distinctive. This canyon was less precipitous but rockier

And down at the bottom there were pigs. I couldn't see the pigs — they were under the trees. But they squealed like they were frightened. I never heard of pigs in a goat's habitat, but there they were.

In case of a quick heavy rain those pigs will have to do some fast and fancy climbing to stay alive.

In a canyon that goes from 1500 feet to sea level in a few miles the water runs very fast in a rain.

There are many foxes on all the channel islands - including San Clemente. They are similar to the California gray fox. But different. For example they have much shorter tails. Oddly, the farther out the island is from the mainland the shorter their

Each island has a slight variation of the San Clemente fox (Uroeyon - littoralis - clementae). They are supposed to have retractable toe nails like a cat.

A man caught two in a box trap to take home to his kids for pets. So I had a chance to study them. They didn't retract while I was looking at them - so I'm determined to bore in and get the facts - Do they or don't they? Somebody must know!

So I contacted no less an authority than Kenneth Stager -Curator of Mammals at the Los Angeles County Museum. He is quite familiar with the channel island fauna.

He stated positively that they can not retract their toe nails. They are related to Candidae or the dog family. Everyone I talked to on the island about these foxes - be-

lieves that they really do retract their toe nails. This is an example of how an erroneous or false idea or impression can become firmly fixed as a psuedo fact.

In future columns I'll tell about the ancient Indian population - flora and fauna - fish and artifacts - seals and sanddunes — cactus and caves and smuggling operators.

By BILL VALENTEEN



I'm satisfied, right at this point, that the Dodgers are going to walk away with the National League pennant for 1963. Actually, they should have won it last year.

The significant thing about this team this season, is the fact that there are practically no all-stars. I don't know whether this is intentional, but the fact remains that these guys have pulled together, not outstandingly, but well, and have come up with what will probably be the finest Dodger team in their

Coufax (20-5 at this writing) has helped considerably with his fremendous pitching. If I were going to pick a standout, I would have to go with Sandy. He has a chance, although it is unlikely, to win as many as 30 games this season.

Maury Wills hasn't come anywhere near last year's total in stolen bases, but he still makes a major contribution to the team's total effort.

YOUNGSTERS JUSTIFY SCOUTS' FAITH

The Dodgers, for some reason or another, are a team this year in every sense of the word. They have finally got to the point where they work well together, and most of the youngsters, like Ron Fairly, have begun to hit their stride and justify the faith that the scouts had in them when they were signed.

The Yankees would like to see the Dodgers take it too. They could probably do better against any other team's pitching in the National League, but they want to play the series in Chavez

Last year, against the Giants, they only made about \$9900 per man. In Chavez Ravine, combined with what the gate will be in Yankee Stadium, they should each draw almost twice that much from what will probably be the greatest attendance on record for a World Series.

The Yankees, incidentally, have had much the same kind of experience this year as the Bums. Even with the absence of Mantle, who has always been a major contributing factor to the success of the New Yorkers, the team has pulled together and played well as a team rather than as a bunch of individuals.

Joe Pepitone, whom I consider to be one of the great stars of tomorrow, has inspired the ball club on the field and has always provided the hit or the play whenever it was needed.

The present Yankee team is certainly not the greatest team to home in Yankee Stadium, but you got to go with a winner, and that's what this team will always be.

PITCHERS HAVE BECOME SHARPER

Defense has been the keystone of baseball for this whole past year. It was thought at the beginning of the season, that the lengthening of the strike zone would give batters less latitude, hence more swinging would take place. The result has been the reverse. The pitchers have become sharper, and have taken advantage of the looser zone by more craftily exploiting the batters' known weaknesses.

KIDS SHOW DODGERS THE WAY

All the stars point to the National Championship coming home to L. A. The Granada Hills kids brought home the Little League championship; the Canoga Park-Woodland Hills kids took second in the National Pony League competition; and the Long Beach American Legion nine brought the much sought after crown home to the city of the bathing beauties. If the Dodgers do win the World Series, it will almost make a clean sweep for the fruit bowl.

Keep smilin', Sport! See you next week.

Infielder Woodie Held of the Cleveland Indians, who has played nearly all infield and outfield positions, is planning to play every position in a forthcoming game. That means one position an inning. Talk about an all-around guy!

Pitcher Dan Osinski of the Los Angeles Angels must have divided loyalties. Though on the mound for the Angels during the season, Osinski makes pitches for ticket sales for the Chicago White Sox during winter months.

Now that the baseball season is drawing to a close, the subject of "Manager of the Year" honors pops up. A story has it that Walter Alston was a cinch for honors last season but after the play-off loss to the Giants, Gene March of the Phillies was given the honor. Alston won the balloting, but in losing the play-off, he lost everything.

Over 30,000 tickets have already been sold for the Notre Dame vs. Syracuse game scheduled for Thanksgiving Day in Yankee Stadium. It will be the first time since 1949 that Notre Dame has played before the "subway alumni."

Dates to remember: Barring a play-off, the World Series will start in the American League home park on Wednesday, Oct. 2. The weekend games (3, 4 and, if necessary, 5) will be played in the National League park.

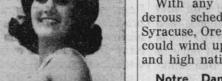
Orland Cepeda and Willie McCovey of the San Francisco Giants were the first players to hit home runs in all 10 National League parks this season. Babe Herman, former Brooklyn Dodger star and now a

Yankee scout, has a son who is assistant general manager of the Metropolitan Opera. Steve Owen, one-time New York Giants football coach, begin his 39th year in coaching. He is heading the Stormers of

the United Football League. No doubt about it, the two biggest disappointments in baseball this season are the unsteady showings of the Cincinnati Reds and the Detroit Tigers. Experts figured both clubs to be writing NOTS Ski Club, Box eral Office Building, San Francisco 2, Calif., tion described in announcement number Camin the thick of National and American League pennant races. 5419, China Lake, Calif.

tournament held last weekend.

Fort Irwin nine Friday night. The ball club was shutout by the the fifth inning.



Notre Dame, although not

Boston College, Florida State, member Louisville. Rutgers and Xavier (Ohio) are other independents preparing for good seasons.

Texas and Arkansas ... the an- but lost the crown to Ohio U, nual fight for the coveted con- looks ready to take all. Bowling ference title. But behind these Green, OU and Western Michitwo powers loom improving gan are always in the race. teams tired of also running. On the "I've-got-surprises" list are Texas A and M, SMU, Baylor Dartmouth should be runner-up. and Rice.

Southeast Conference

AFPS Football Series — Part II

## 'Bowl' Fever Grips The Ridgecrest Merchants soft-ball team finished in fourth Nation's Gridders

An intense game of "bowlarama" will open this football The Merchants opened the season for the major independent teams and the rugged South-

Fighting for top berths will be sound contenders.

Not to be forgotten in the according to reports, is one of struggle for trips to Miami, Dal- Wilkinson's finest squads. las, New Oreleans, Philadelphia, Jacksonville and other bowl sites sas — after enjoying room at the are member of the Big Eight, At- top recently - will have to get lantic Coast Conference; Southern Conference, Missouri Valley Conference and the Mid-American Conference.

#### Independents

With any luck against mur- best appear to be Duke, Clemderous schedules, Pitt, Miami, son and Maryland, but no one Syracuse, Oregon and Penn State is overlooking the Carolina could wind up with bowl berths schools. and high national rankings.

bowl conscious, is keying emo- Virginia Tech and William and tionally to a "meatgrinder" Mary are the only other league schedule. New coach Hugh De. schools with any championship vore equipped with vets and design. shining sophs is out to put the Irish back on the football

**Southwest Conference** 

Mississippi, with its buttery bear watching. schedule looks like an undefeated conference champ. But, the season record is the thing in this most bowl-conscious conference

With sound quarterbacks at runs. How many did he hit as a their calling, Alabama (Joe Na- Yankee? meth) and Georgia Tech (Bill 2. What is the official score of

# of all.

of Newark, N. J.

#### Lothridge) figure prominently a forfeited football game? 17-year-old Camille Bonanna in the title picture. Florida, Au- 3. Walter Camp selected his burn and Tennessee are also first mythical All-American football team in 1889. All of the players were from three schools. What were the schools?

The next general meetings of the NOTS Ski Club will be can to win the Wimbledon Men's held at the Community Center next Tuesday at 8 p.m. The annual Singles Championship in tennis? election and installation of officers will be held at this time. Ski 6. In how many Worlds Series

potluck picnic at Sandquist Spa on Saturday, Sept. 28. Members Club Meets Sat. should bring their own steak and an additional covered dish. The

"Robin Hood," in which several Ski Club members have leading local courts. roles. Plan to arrive in the late

Lake, or Pasadena, and residents ted to participate. of Indian Wells and Searles Valley who are interested in skiing (cross country, down hill, or apres') are eligible for memberthe winter months, the club leases a cabin at Mammoth Lakes 2, Colif., no later than Oct. 1, 1963). and makes available ski equipment for the use of its members and their guests. Further members and their guests. Further members bership details may be obtained bership details may be obtained color of the use of its members and their guests. Further members and their guests of the industrial Relations of the use of its members and their guests. Further members and their guests of the industrial Relations of the use of its members and their guests. Further members and their guests of the industrial Relations of the use of its members and their guests. Further members and their guests of the use of its members and their guests. Further members are selected as a selec

3. Players were from Yale, ale All teunis club mempers are ,ale from Yale 3. 2. The official score is I to 0. I ti si store at all Indian .0 of I si store store afternoon and join in the fun. ... urged to attend and all Indian .0 of I si store store at a store at Employees of NOTS, China Wells Valley residents are invi-

## 1. Ruth hit 659 home runs for

(Continued from Page 2) ervisory Facilities Maintenance Special- Officer, GS-11, U. S. Naval Forces, Philippines.

by contacting the president, Maintenance Engineer, GS-12, Camp S. D. quarters, Marine Corps Base, Camp Pendleton,

no later than Oct. 1, 1963).

ship and invited to attend either ist, GS-11, 2 positions, U. S. Navy Housing (File application with Navy Overseas Employof the above functions. During Activity, Yokohama, Japan. (File application ment Office (Pacific), Federal Office Building, with Navy Overseas Employment Office (Pac- San Francisco 2, Calif., no later than Oct.

John Bush, at 9259 or 725733 or Overseas Employment Office, (Pacific), Fed-Pen 72 (63).

#### The Rocketeer Official Weekly Publication

U. S. Naval Ordnance Test Station

China Lake, Californi Captain Charles Blenman, Jr., USN "J." "T." Bibby

Jack G. Broward Richard Grueneber

**Budd Gott** Associate Editor Chuck Mangold

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Special Services Athletic Director



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

Richmond elementary schools. Roman Catholic (All Faith Chapel) Holy Mass-7, 9:30 a.m., and 12:30, 5:30 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

Every first and third Friday, 8:15 p.m. Sabbath School every Saturday morning. nitarian Fellowship (Parish Hall) Fellowship Meeting — Sundays, 7:30 p.m. Sunday School — 9:30 a.m.



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

Supervisory Personnel Management Spe-cialist, GS-12, 30073 Am-1, Code 658 - Suview and recommendations the principles, theories, and practices of position classificaion, employment and placement, employee

Surveying Technician, GS-1374 - 7 or 9, 035061, Code 3553 - Members of AOD field Geodetic surveying party to establish, exrder geodetic control in the immediate vicinity of the station and specific locations in the western United States. Incumbent will

ment. This equipment is used on the air-craft ranges for measuring and recording the

Forensics League under the guidOinCC, Marianas. (File application with Navy A local observance of the ance of Ann Cierley, Forensics Overseas Employment Office (Pacific), Federmemorable document will be instructor and coach of the Bur- of Office Building, San Francisco 2, Calif., no later than Oct. 11,1963).

Federal Office Building, San Francisco 2,

Thursday, Sept. 19 — Murray stallments in February, May and School Cafetorium at 8:45 to 9:30 | Chief Quarterman (Maintenance), Public

> Trades Branch, PW Dept., Naval Station, with Navy Overseas Employment Office (Pacific), Federal Office Building, San Francisco

Child Welfare Fund, Henrietta at 10 a.m. Student Rabbi A. Weill Memorial Child Guidance Saltsman of the Hebrew Union Saltsman of the

And American Health Association, ices.

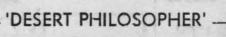
And American Health Association, please

Oughterman (Maintenance, Public Works Center, Subic Bay, Philippines, (File application)) Pacific), Federal Office Bldg., San Francisco

> application with Navy Overseas Employment Office (Pacific), Federal Office Building, San Francisco 2, Calif., no later than Oct. 1,

Office Building, San Francisco 2, Calif., no later than Oct. 1, 1963).

(Continued on Page 7)



Friday, September 13, 1963

RIM SHOTS Merchants Take Fourth Place in Softball Tourney

place in the Barstow softball

play with a 4-2 victory over the eastern and Southwestern Conferences. Edwards Air Force team Satur- such independent powers as Miaday night 3-0, on a one-hitter by mi, Fla., Syracuse, Oregon and Bud Wilkinson's Oklahoma Lyn Baird. Ross Clayton, the Pittsburg, while the SEC and team is in line for not only a Merchants rightfielder, got the SWC will renew their annual league title, but a national title only base hit, a scratch single in scraps for New Year's Day dates. as well. Assembled in Norman,

In Sunday night's game, Retzlaffs of Barstow downed the Ridgecrest team by a score of 3-1 on a three-hitter by Bob Cren-



MISS ITALIAN-AMERICA is

# Scene and Heard Sets Picnic Date at Spa players were from the set of the set

movies will be shown following,

the business meeting.

## The Club is also planning a China Lake Tennis

Dodger players in 1959 collect-The China Lake Tennis Club club will furnish drinks, char- will hold a combined business each received \$11,147 and the coal, and entertainment featur- meeting and discussions of the policy of ing Steve Lee's production of proposed Childrens Tennis Clin- '0261 ui II uaplit .T meilliw .2 ic tomorrow at 9 a.m. on the 4. Amos Alonzo Stagg; 57 years

> PROMOTIONAL OPPORTUNITIES Assistant Director Publications and Service

## NOTS Pasadena News

## 'Flu' Immunization Clinic

enza immunization, permission tion of individuals in all age has again been received for the groups is desireable ESO to sponsor an influenza clin- Employees who have been im-

day, Sept. 20, from 10 a.m. to tion. Employees not previously 12 noon at the Foothill Dispen- immunized require a series of sary. The charge for innocula- two shots. A second clinic will

in a large measure preventable shot.

In response to the many re-quests by employees for influ-phyastic vaccination, immuniza-

ic for Civil Service personnel. | munized since September 1, A clinic will be held on Fri- 1962, require only one innoculation will be \$1 per person. be announced later for those em-Since influenza infections are ployees requiring the booster



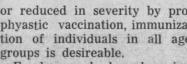
RECENTLY RECOGNIZED for 20 years of government service are - Anthony J. Stec, Security Police Supervisor; Lynne Jordan, Head of the Communications Branch; and Jack S. Hughes, Fire Protection Inspector. The trio has served a combined period of 43 years with NOTS Pasadena - Lynne and Fire Inspector Hughes each with 15 years and Sergeant Stec, almost 13 years.



TOP KEGLERS — Taking first place in the NOTS Friday Nighters Bowling League are the Four Aces. Left to right, they are: Don and Carol Curtis, Janet Cardwell, and Clyde Flynn. Second spot goes to the Tigers (not pictured) - Irene and Bill White and Nova and Leonard Semeyn.



SEASON HONORS — Taking top honors for season play (I-r) are: Clyde Flynn, Men's high game with 262; Phyllis Henry, Women's high series with 606; Dorry Aitchison, women's high game with 230; and W. D. Aitchison, men's high series







DR. JACK HOYT



HOWARD KELLY

## 'Swimming Boat' Tested

water. It appears to be more effective the deeper it runs. There is a very small (11/2 HP) airpropeller. In this respect the swimming catamaran is unique.

This is the first boat to use segmented hulls to achieve selflocomotion. The boat was intend-

Could Be Submerged

It is true that the Bowlus Swimming Catamaran is a surface operating vehicle, but the which the body undulations

of brown sawdust. This disclosed which he had seen many times on through 147. water as in the case of a propel. Island. ler-driven boat. The swimming boat, by mechanically produced

## PROMOTIONAL

tact Nancy Reardon, Pasadena points in its body. submitted when applying.

tire hull surfaces that are favor- would give the highest speed able to overcoming the drag. with least power. The propeller driven boat, on Through the cooperation of rigid hull. Propellers make ob- another in September. jectionable noise, whereas the swimming boat is silent.

s concerned. Only one hull in- These records are to be analyz- Dr. Ted Wu of Caltech.

A point of human interest may be available.

#### Three Hinged Points

seriously and now Glenn has State). demonstrated that a man-made fish, with only three hinge-OPPORTUNITIES | points in its hull, can swim like | Fire Two Polaris To apply for this position, con. a fish which has many hinge-

Personnel Division, Extension There is a question concern- Washington — The Navy is the Projects Section, Advance tions is quite small. Because of missiles were fired within min-Systems Branch, incumbent will these unknowns. it was neces- utes of each other. be involved in planning, design- sary to make a series of tests The firings demonstrated the ing, directing, evaluating, and re- with different combinations of readiness of the submarine and porting on assigned programs at amplitude and frequency to de- crew for operational service on San Clemente Island ranges. | termine the arrangement which patrol.

the other hand, pushes violently Jack Hoyt of the Research Divicooled engine, but there is no upon a small portion of the wa- sion, and Roy Cornford of the ter to obtain a forward thrust Range Branch, a week of testfor overcoming the drag of the ing was scheduled in June, and

#### Pre-Tested at Caltech

To complete this story, it is This principle of eliminating noted that the swimming cataof a segmented torpedo or sub- the propeller and of producing maran is similar to the 8" long marine. At present it is a slow self-locomotion by activating the hinged hydrofoils which were speed vehicle because it uses large exposed surfaces of the tested in the Free Surface Water such a small engine, but when craft, is also applicable to air- Tunnel at Caltech. Glenn started the correct principles of opera- craft and hydrofoil boats. High on this research work shortly aftion are determined, more power efficiency and silent operation ter his mandatory retirement in may be applied. The extra weight are indicated. (See Report TN 1957. It was finished sometime of a larger power plant has been 40606.4 pages 148 and 176, es- later, during a special half-time pecially the chart on page 150). work arrangement. The Caltech One characteristic of the swim- research was supported by the ming catamaran is easily seen Weapons Development Division without special photography, it at China Lake. The theory for leaves no wake in its path. It the hinged hydrofoils was dehulls could be completely sub- does leave some low energy veloped by Howard R. Kelly merged as far as self-locomotion swirls that show in the movies. (Code 40606) in cooperation with

stead of two would be required ed by hydrodynamicists as an aid Some movies have been prefor complete submergence. All in developing theories on "how pared which show both the exthe machinery would be contain, a boat swims." These theories periments at Caltech and the ed within the outside shell. The may be analogous to those which swimming catamaran. After the truly streamlined submersible answer the question, "how does analysis of the more recent docwould provide ample room with- a fish swim?" Dr. Ted Wu of umentary films taken at Morris in for the crank mechanism with Caltech has written a paper on Dam, a more complete picture story of the swimming boat may

While operating the boat at be mentioned here, Wally Dow, For more complete informa-Morris Dam, high speed motion who took the above mentioned tion on the construction of the pictures were taken from a high pictures, helped to carry out a Swimming catamaran, and the vantage point by Wally Dow. The suggestion made by himself sev- theory which has been developswimming action was document- eral years ago, namely, that ed since its successful operation, ed as the boat passed through the water upon which had been someone should try to learn see Report TN 40606-4 by Glenn the water upon which had been should try to learn see Report TN 40606-4 by Glenn the water upon which had been should try to learn see Report TN 40606-4 by Glenn the water upon which had been should try to learn see Report TN 40606-4 by Glenn the water upon which had been should try to learn see Report TN 40606-4 by Glenn the water upon which had been should try to learn see Report TN 40606-4 by Glenn the water upon which had been should try to learn see Report TN 40606-4 by Glenn the water upon which had been should try to learn see Report TN 40606-4 by Glenn the water upon which had been should try to learn see Report TN 40606-4 by Glenn the water upon which had been should try to learn see Report TN 40606-4 by Glenn the water upon which had been should try to learn see Report TN 40606-4 by Glenn the water upon which had been should try to learn see Report TN 40606-4 by Glenn the water upon which had been should try to learn see Report TN 40606-4 by Glenn the water upon which had been should try to learn see Report TN 40606-4 by Glenn the water upon which had been should try to learn see Report TN 40606-4 by Glenn the water upon which had been should try to learn see Report TN 40606-4 by Glenn the water upon which had been see Report TN 40606-4 by Glenn the water upon the wa spread several handfuls ferred, of course to the porpoises dated April 25 1963, pages 137

that the boat did not disturb the his trips by boat to San Clemente (Editor's note: Howard Kelly left NOTS last month for Pennsylvania State College to begin He gave this suggestion to study toward his PH. D in aerohull movements, uses the water Glenn while working for the nautical engineering under a felto produce pressures on its en- Propulsion Division at Morris lowship for advanced education Dam. The suggestion was taken sponsored by the Navy and Penn

## A2s Within Minutes

104. A current SF-58 must be ing the proper amplitude of the training its submarine crews on side motion of the pontoons. Ob- the techniques of near-instant General Engineer, Mathema- servations of fast swimming fish launching of Polaris A-2 missiles. tician, or Physicist, GS-11; PD: or dolphins, as reported to Glenn The most recent "blastoffs" R3P80084; Code P8083 — As by Wally Dow, indicated that the took place at sea off the coast of a project engineer assigned to amplitude of the body undula- Cape Canaveral when two of the

## Work Progresses on New TV Relay Station

Vastly improved television reception for the China Lake area looms closer and closer as work progresses on the new microwave relay station of "B" Moun-

Friday, September 13, 1963

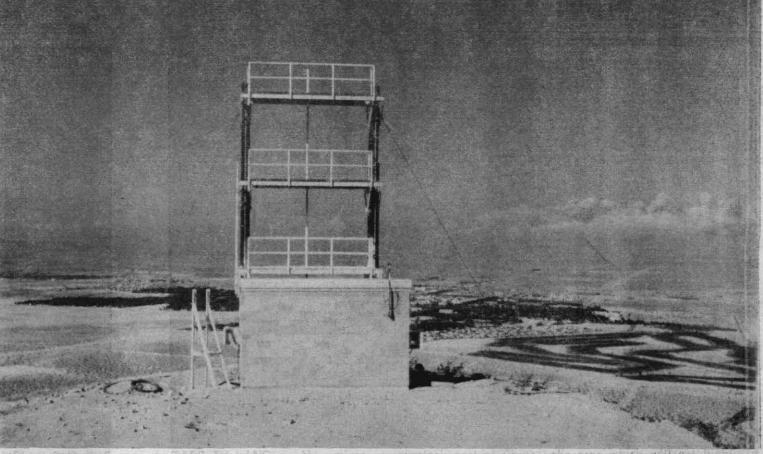
The equipment building and antenna support structures are now completed, The new power line is under construction.

Minor modifications to the Laurel Mountain facilities are also completed.

Collins Radio Co. of Dallas, the contractor assigned to the conversion proect, expects to deliver and install equipment in the new relay station during November, Bill Hattabaugh, president of the Community Council,

When finished, the signal strength will be increased nearly 100 per cent, engineers said.

Existing antennas on homes need not be removed. However, they may not be necessary when the new relay station goes into operation. Broadcast evaluations will provide answers.



HELLO OUT THERE IN BETTER TV LAND! - New microwave relay station building and antenna support structures

overlook part of China Lake area which will get highly im proved television reception when equipment is installed

### Household Shipment Weight Limitations To Be Boosted

Washington — Weight limitations for shipment of household goods are to be increased 500 pounds for officers up to 0-4 grade and all enlisted men entitled to such shipment.



ENSIGN STUART H. MANN comes to NOTS from the USS
Estes where he was the Ass't.

Estes where he was the Ass't.

Combat Information Center

W-3s, 9000 lbs.; 0-4s and W-4s, Alpha, Louise has held social, publicity and program chairman-pected that the level of disburs-facilities here. This meeting has Officer. He received a BS Deing on the station.

Officers in the 0-5 grade will receive a 1,000 lb. increase bringing them to the maximum permitted by law, 11,000 lbs.

No definite date for the increase was given, but Defense Department officials said it was just a matter of changing the existing Joint Travel Regulations with regards to weight limita-

The change resulted from Secretary of Defense (Manpow discovered that increasing numto the government for overweight shipments.

and each next higher grade an Phi. additional 500 lbs., up to the comes to NOTS from the USS W-3s, 9000 lbs.; O-4s and W-4s, As a charter member of Chi Lake.

for an increase. — (AFPS)

SOME OF the 66 fire chiefs, inspectors and engineers at 11ND conference here



## study instituted by the Assistant Louise Mitchell er) Norman S. Paul when it was New President bers of uniformed personnel Beta Sigma Phi

allowed 5000 lbs.; E-5s, 5500 lbs. Alpha Chapter of Beta Sigma and technical guidance.

pha Alpha Psi chapter.

## Long Beach to Aid NOTS In Disbursing Services

Effective some time after Oct. 1, the Navy Finance Office, Long Beach, will assume responsibility for providing disbursing services to the Naval Ordnance Test Station.

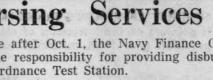
move to centralize the manageder offices reporting directly to the Navy Comptroller.

Agreement has been reached etween Commander, NOTS and the Officer in Charge, Navy Finance Office, Long Beach that wise. the officer and 20 civilian billets assigned to the Disbursing Division in the Central Staff at China Lake will be transferred "on paper" only to OinC, NFO, Long Inspectors John W. Seguine and

Personnel assigned to the disover four years service will be last week as President of the Chi to OinC, NFO for administrative Pierre Saint-Amand, on the State of the Chi to OinC, NFO for administrative Pierre Saint-Amand, on the State of the Chi to OinC, NFO for administrative Pierre Saint-Amand, on the State of the Chi to OinC, NFO for administrative Pierre Saint-Amand, on the State of the Chi to OinC, NFO for administrative Pierre Saint-Amand, on the State of the Chi to OinC, NFO for administrative Pierre Saint-Amand, on the State of the Chi to OinC, NFO for administrative Pierre Saint-Amand, on the State of the Chi to OinC, NFO for administrative Pierre Saint-Amand, on the State of the Chi to OinC, NFO for administrative Pierre Saint-Amand, on the State of the Chi to OinC, NFO for administrative Pierre Saint-Amand, on the State of the Chi to OinC, NFO for administrative Pierre Saint-Amand, on the State of the Chi to OinC, NFO for administrative Pierre Saint-Amand, on the State of the Chi to OinC, NFO for administrative Pierre Saint-Amand, on the State of the Chi to OinC, NFO for administrative Pierre Saint-Amand, on the State of the Chi to OinC, NFO for administrative Pierre Saint-Amand, on the State of the Chi to OinC, NFO for administrative Pierre Saint-Amand, on the State of the Chi to OinC, NFO for administrative Pierre Saint-Amand, on the State of the Chi to OinC, NFO for administrative Pierre Saint-Amand, on the Chi to OinC, NFO for administrative Pierre Saint-Amand, on the Chi to OinC, NFO for administrative Pierre Saint-Amand, on the Chi to OinC, NFO for administrative Pierre Saint-Amand, on the Chi to OinC, NFO for administrative Pierre Saint-Amand, on the Chi to OinC, NFO for administrative Pierre Saint-Amand, on the Chi to OinC, NFO for administrative Pierre Saint-Amand, on the Chi to OinC, NFO for administrative Pierre Saint-Amand, on the Chi to OinC, NFO for administrative Pierre Saint-Amand, on the Chi to OinC, NFO for administrative Pierre Saint-Amand, on the Chi to OinC, NFO for administrative Pierre Saint-Amand, on the

Lt. (jg) F. J. Gomez and Mrs. E-9s 7500-lb. limitation. O-1s and She brings 15 years of mem- P. J. (Barbara) Kasal, Disbursreports aboard as Information | W-1s will have the same maxival Air Facility. Ensign Mann be allowed 8000 lbs.; O-3s and tional sorority in 1948 in Hawaii. pervise these functions at China exceeded those of the district's

The 11,000-lb. limitation now ships and last year was parlia- ing services provided to the Sta- been a profitable experience gree in Mathematics from the in effect for O-6s and above is to mentarian for the group. Dur- tion will improve under the new that should benefit each one in University of Illinois. He and be the subject of another study ing the past six months she has arrangement, whereby the cenhis wife Susan are now resid- and possible legislative request acted as member advisor for Al- tral office at Long Beach will tions," he said. provide back-up support for the



This change in responsibility is a part of a nation-wide local office. For example, whenever there ment of disbursing functions un- is a significant backlog of unpaid travel claims at the Station, the Long Beach office plans to assist

(Continued from Page 1)

in processing the paperwork and

thus effect earlier settlement

than would be possible other-

Cec H. Wade. In addition, the "visiting fire Louise Mitchell, Administra- bursing function will continue to men" heard informative talks by tive Assistant for Aviation Ord-perform their duties in residence NOTS Executive Officer, Cap-With the change, E-4s with nance Department, was installed at China Lake, but will report tain J. A. Quense, USN, and Dr.

tion's research and development ference arrangements and proand Education Officer at Na- mum as E-9s; O-2s and W-2s will office, having joined the interna- respectively, will continue to su-



LEE M. GREEN **Eleventh Naval District** Fire Marshal

29 Embark on New New Careers Here ..... Best Training For the Future

The Apprentice Program



MACHINIST APPRENTICE Ronald Hall (left) gets pointers on the intricacies of machining a precision gear from machinist instructor

Fred Ladda. The 20-year-old first year apprentice attended San Diego City College before entering the Station's Program.

#### By BUDD GOTT

While millions were returning to classrooms last week to acquire strictly an academic education, a group of 29 men here program to include academic one week at the training school at NOTS were embarking on new careers under the Station's Ap- ior college education in addition prentice Training Program to fulfill one of the most critical instruction. needs of the nation - skilled craftsmen.

Industrialists are alarmed that not enough young men are being lications are received from all trained in the skilled trades.

The Navy, for over 90 years, and the Station since 1948 has gram last week all are high sponsored an apprentice train- school graduates, 18 have attending program to meet the increasing demand for skilled journey- 13 are married, and 8 have had

Station management fully realizes that there is no substitute for on-the-job training, and they had the foresight to broaden the course work equivalent to a junto a full program of trade theory

Today, NOTS' apprentice program is regarded as one of the best in the nation. Each year apover the United States.

Of the 29 entering the proed college from one to two years, military service.

the oldest 48.

The apprentices alternate with for trade theory, then three weeks in shop work. In addition they attend Bakersfield Junior College evening classes in in-

chology, English, and speech. The apprentice may find it necessary to put in as much as 80 hours of homework per month, or about 20 hours per

Apprentice School Staff

The youngest man is 17 and

They include Jack Whitfield, Full Program Fred Ladda, Jack Johantgen, Bill ing Program Coordinator, heads up an eight-man staff of full-Lamb, Bob Sellers, Phil McKay, dustrial and technical mathema-Flagg, also acts as journeytics, industrial drawing, social

man-technician development coscience, technical physics, psyployee, Flagg is a qualified fitting trades.

The Apprentice Program oper-Carl Flagg, Apprentice Train- | Employee Development and Re- | program started emphasizing de- | Today all apprentices are as-

time and part-time instructors. | search Division of the Person-, velopment fields such as the | signed to the Employee Develop- | on a plaque in the Training nel Department. Bob Biller is the division head.

ENTERING THEIR FIRST YEAR of the four-year Apprentice

Program are (kneeling, left to right) Bill Davis, John Ayers,

Forrest Thomas, Ray Kelso Jr., Doug Savage, Gary Johns, Lloyd McKinney, and Lloyd Griffin. Second row (I-r) are Hob-

son Blackwell, Bill Parish Jr., Larry Mulock, Morris Nunez Jr.,

"Chuck" Okrusch, and Tom Hohensholt. Third row (I-r) are

Friday, September 13, 1963

**Five Trades Offered** The four-year course offers apprentice training toward journeyman rates in the following Walter K. Smith, and Gary Day- trades: Electronic Mechanic, Electrician, Machinist, Sheet Metal Worker, Plumbing and Pipe

In the early days, when the ordinator. A veteran NOTS em- | Station was building, the apprentice program emphasized the journeyman and instructor in the building trades such as carpensheet metal, plumbing and pipe try, painting, refrigeration and air conditioning.

When the Station passed its ates under the cognizance of the building stage, the apprentice ter-departmental coordination.

electronic mechanic and machin-

Originally, an apprentice was hired by one department and remained a member of that department during his training, then was hired as a journeyman in the department upon gradua-

This practice was changed in 1953 when it was discovered that It was decided that a rotation plan which would offer the best all around training required in- \$200.

ment Division of Personnel Department during their training.

Dave Messmer, Tom Reynolds, Ron Hall, Bob Palmer, Mike

Moon, Bob Cowell Jr., and Carl Wilson. Fourth row (I-r) are

Stan Baker, Ray Muth Jr. (second year transfer from Naval

Ordnance Depot, York, Penn.), Larry Sawyer, Howard Carl,

George Webb Jr., Ed Kroupa, Tom Northrop, and Richard

Johnson. The Navy has been training craftsmen 90 years.

The apprentice training supervisor coordinates assignments among all departments on the Station,

Special Apprentice Award

The Richard F. Beswick Award, established in 1958, is given each year to the outstanding graduating apprentice based some departments offered bet- on academic and shop performter training facilities than others. ance throughout the entire period of apprenticeship. It carries with it a monetary award of

> The awardee is given a trophy and his name is also engraved for the outstanding apprentice in

tice program.

Others have been Eugene C. Kauffman, '59; Paul Steart, '60; Burton Kaucher, '61; Walter Becktel, '62; and Donald J. Dav-

School Performance Awards

Richard F. Beswick, one of the founders of the NOTS appren-

Past Winners

are considered by the Apprentice Training Coordination Board

each of the first three classes. The first, second, and third

ELECTRICIAN APPRENTICES Dave Mess-

mer and Ed Kroupa (seated) follow instruc-

tor Jack Whitfield's explanation of a Tesla

The Award honors the late

Winner of the first Beswick Award was William Francis.

Each year in June, nominations

year nominees receive a monetary award of \$50.

250 Graduates

Since the inception of the apprentice program at NOTS, over 250 apprentices have joined the journeyman ranks. NOTS has good reason to be proud of its apprentice training program. Its skilled graduates are assisting the Station in its mission of strengthening our national de-

As Dr. James B. Conant, former president of Harvard University, once said: " In the whole range of scientific and technical activities, there is no substitute for a first-class man. Ten second rate men can't replace

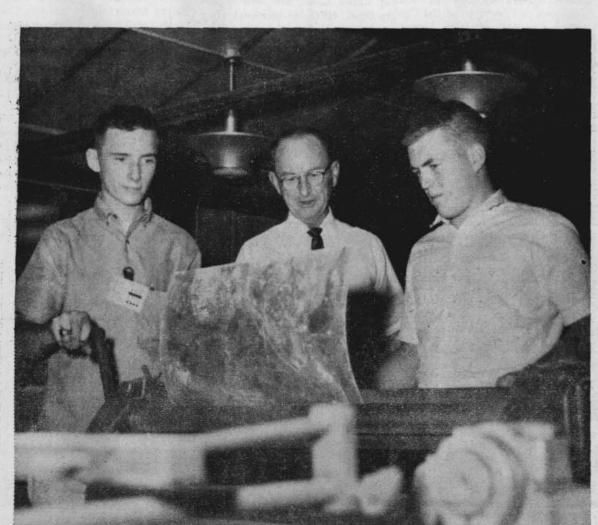
coil. Messmer served as a Navy electrician

from 1955 to 1957. Kroupa holds an AA de-

gree from San Diego State College.

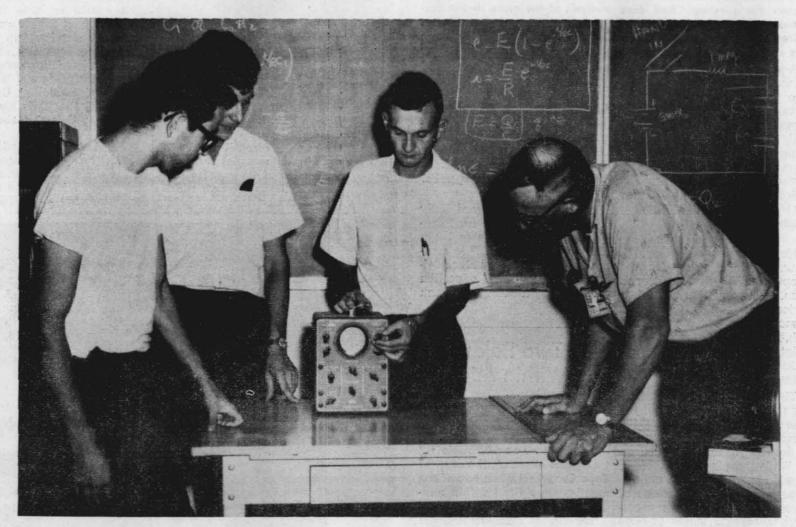
It is a safe prediction that the 29 young men who are entering the Station's Apprentice Program this month will in a few years be working with many tools, materials, and processes which are only in the minds of NOTS scientists.

We can be assured that these men four years from now will be more versitile, more knowledgeable in many things, including science and math, and have more practical experience in their chosen trade.



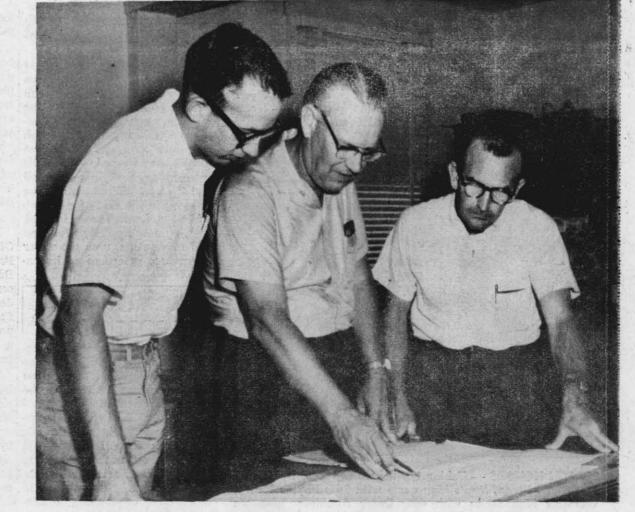
SHEET METAL APPRENTICES Lloyd Griffin (left) and Bob Palmer (right) get their first instruction in metal forming from Carl Flagg,

Apprentice Program coordinator. Griffin is a graduate of Coronado High, San Diego. Palmer attended Southwestern Jr. College.



ELECTRONICS APPRENTICES Gary Johns, Carl Wilson, and Howard Carl get their first check out on an oscillograph by instructor Bill Lamb (center). Johns has attended Pasadena

City College and Bakersfield Jr. College. Wilson, who was a radio operator in the Army, attended Reed College for two years. Carl is a WW II Army vet and formerly was a salesman.



BLUE PRINT READING is interpreted to electronics apprentices Tom Northrup (left) and Bill Davis (right) by instructor Walter

K. Smith. Northrup is a Bakersfield High graduate. Davis served a five-year hitch in the Navy. Both attended Bakersfield College.