Page Eight

ACROSS

coins 6-Attentive 11-Concealed 12-Daughter of Nereus 14-Great Lake 15-Charges 17-Artificial language

anguage

19-Conflagra-

tions 20-Card game 21-Near 22-Bodies of

22-Bodies of water 23-To walk in water 24-Pronoun 25-Poems 26-Reveals 27-Pedal digits 28-European

8-European 9-Twirls 1-Nerve

network 32-Symbol for

samarium 34-Paddles 35-Sheepfolds

35-Sheepfolds 36-Note of scale 37-To mature 39-Article of furniture 40-Sun god 41-Metal tubes 42-Toward the shelter

45-Singing voice (pl.)

47-To hoard

boards

48-Thin, narrow

DOWN

1-Cylindrical

2-Sour

3-Before

4-French article

5-Hits

43-Traps

1-Chinese

CROSSWORD PUZZLE

6-Poker

6-Poker stakes 7-Dregs 8-Bitter vetch 9-Concerning 10-Harangue 11-Mysterious Hebrew word 13-Cunolas

13-Cupolas 16-Land measure (pl.) 19-Becomes

23-Di

20-To peel 22-Diving birds

26-Moderated

30-Heathens

31-Repetition

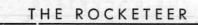
28-Hates

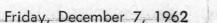
27-To exhaust

29-Floats in air

32-Guides 33-Military assistants 35-Thicket 38-Row 39-To sully

Distr. by United Feature Syndicate, Inc. 11





SHOWBOAT

"A POCKETFULL OF MIRACLES" (108 Min.) Glenn Ford, Bette Davis 7 p.m.

(Comedy) Damon Runyon characters headed by a superstitious bootlegger who believes Apple Annie's wares bring him good luck. New York in the Roaring Thirties with a Cinderella tale thrown in to make this a don't. niss film (Family) SHORT: "Et Tu Otto" (7 Min.)

SAT. DEC. 8 -MATINEE-

> "COLORADO SUNDOWN" (67 Min.) Rex Allen

1 p.m. SHORT: "Bear and the Bean" (7 Min.) 'Adventure of Capt. Kidd" #11 (16 Min.) -EVENING-

"A TOUCH OF LARCENY" (91 Min.) s Mason, Vera Niles

7 p.m. (Comedy) Sophisticated force about a romeo the British Admiralty who plots to fake a rtion to the Russians and then sue the ress for libel in order to get money for mariage to a buddy's fiancee. SHORT: "Hi Fi Jinx" (7 Min.) "Candid Mike" #1-4 (10 Min.)

DEC. 9-10 SUN .- MON. "A VERY PRIVATE AFFAIR" (97 Min.). Brigit Bardot, Marcello Mastroiann

7 p.m. (Drama in Color) Allegedly similar to her eal life, Brigitte portrays a famed photomodel and actress who can't bear he public accailm or broken romance. An unusual drama.* (Adults) SHORT: "Dickie Moe" (7 Min.)

DEC. 11-12 TUES.-WED. "THE SPIRAL ROAD" (139 Min.) Rock Hudson, Gena Rowlands

7 p.m. (Drama in Color) The adventures of a young doctor in the East Indies medical service. His battle with epidemics and an effective witch doctor in the steaming jungle lend excitement to a really different theme. (Adults and Young People)

THURS -FRI DEC. 13-14 "THE LADY AND THE TRAMP" (78 Min.) **Disney Cartoon Feature** 7 p.m. Thursday

6 and 8 p.m. Friday

(Cartoon in Color) With the voices of Peggy The Army and the Navy, plus Lee, Stan Fredberg, Alan Reed, etc., this tells Scouts on Mindanao during their respective civilian arms, of a dog's problems when a new baby arrives the Association of the U.S. Army and the Navy League have icin (Family)

Space Flights . . .

(Continued from Page 1) 3rd and 4th Sts. in the shadow of Testing such as this is conducted on a continuing basis at WACOM members may bring dresses suitable for the holiday Among those in attendance It will cost approximately NOTS, the Navy's major space Wherritt, F. K. Prescott, E. M. tion of historical displays and Desert. Only through such painstaking attention to detail do Navy Helen Breslow, Carolyn Jagiello, LCdrs. R. A. Petrofsky, H. R. are asked to send their dona- ians, stay in the forefront of space technology.

Young, A. Jokela, C. F. Whit- Park, 420 Chestnut St., Philadel- Council, Navy League of the

BOOK CORNER By Ruth Ohler, Station Librarian

CONDOTTIERE By Jan Westcott

In a Venetian square stands a statue of an armed warrior on horseback. He is Bartolomeo Colleoni, the most famous mercenary general of the fifteenth century. This exciting novel gives the story of his rise to power.

SILENT SPRING By Rachel Carson

Man's use of poisons to control insect pests and unwanted vegetation is destroying the balance of nature. The book is an alarming and provocative protest against the indiscriminate use of chemical pesticides.

THE CLIMB UP TO HELL By Jack Olsen

The north face of Mount Eiger has always been a challenge to the world's best mountain climbers. So far eighteen men have been killed during attempts to climb its wall. This is the story of the ill-fated 1957 expedition and of the subsequent rescue efforts.

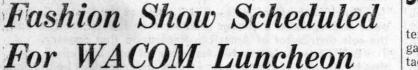
From	PLACE STAMP HERE
то	
and the set Point without	a final and a state of the



small fry. He will drop in one hour each day starting Dec. 12 through Dec. 21. All children who are registered at the Center are welcome to attend.

Army-Navy Exhibit

of freedom in this country -



For Use in Authorized Papers Only

Answer to Previous Puzzle

42-Collection of facts 44-Near 46-Spanish for "the"

A festive luncheon and fashion dresses and suits appropriate for show will be featured at the De- wearing to the luncheon in the cember meeting for the Women's first section of the show. Auxiliary to the Commissioned Tuesday.

punch bowl at noon, the lunch- ton, Luella Fenning, Angie Tam- gram by Lt. R. W. Montross, tech- The Museum will be built on eon will be served buffet style, bini, Theresa Valenteen, Evelyn nical officer for the Moray proj- the site of what was Pemberton sled is traveling at a velocity apfeaturing turkey and ham. The Mayne, Mariel McEwan and Doris ect, concluded the day for the House, on Chestnut St. between proaching the speed of sound. price is \$1.75, and reservations Valitchka. are required.

guests, and should call Mariel dances and parties will be fea- were: Cdrs. M. L. Smoyer, I. R. \$600,000 to rebuild and equip age weapons research and de-McEwan at NOTS extension tured in the second half of the Schneider, C. P. Wilson, C. R. the Museum, including installa- velopment center in the Mojave 725812, Marge Ashbrook, NOTS show. extension 77154, or Eileen New- Modeling their special crea- Moss, E. J. Fraley Jr., G. P. exhibits. kirk, NOTS extension 77981, for tions for the holidays will be Champion and E. A. Dorman. Those who wish to contribute scientists, engineers and technicreservations

designed and made by the local Anne Gilmer, Alene Morgan, Bil- Richardson, F. Connors, E. S. Army-Navy Museum Fund, Inmembers of the "haute couture" lie Robison, Bert Smith and Hastings, W. E. Smith, R. D. dependence National Historical made payable to "Philadelphia will be shown. Mary Wickenden Cathy Schroeder. will serve as fashion coordinator and commentator for the show. Entering through an arch gown designed by her for use on Lts. R. H. Donlon, R. N. Taylor, draped with lengths of material the stage. and flanked by dressmaker's Mona Johnston will then talk J. W. Tenney, P. R. Stang, R. E. dummies, the models will show about a subject dear to the heart Branson, A. J. Trochanowski,

the seamstress' art. Models will show informal onstration of wig styling.

Modeling Day Wear Officers' Mess (WACOM) on Some of these models include: Dorothy Mallory, Joan de Groot, Beginning with a champagne Doralee Smithson, Mary Penning-

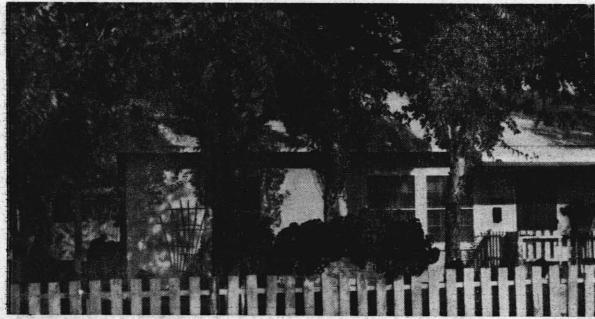
Ball gowns and cocktail

During the luncheon, fashions Terry Stromski, Marcia Donnan, Anderson, C. M. Stevens, R. O. tions to:

Special Gown

the results of careful attention to of fashion this year - the wig. C. J. Pascaloff and W. T. Chater She will give a short demon- Lt. (jg)s M. L. Weiss and E. M.

Reuben. 'Home Beautiful' at China Lake



HOME PRIDE-The front yard of Jan and Tom Webster's residence at 311-A Princeton reflects meticulous landscaping which never fails to draw admiring glances. The Websters share the same avocation-garden-

ing-with Tom favoring 16 ft. tall sunflowers while Jan favors the more dainty baby breath and primroses. A rustic nave houses a statue of St. Frances of Assisi which has at its base feed for the birds of the area.

Seminar . . . To Be Established as (Continued from Page 1) te) an ex-guerilla fighter who gained his experience of guerilla Freedom's Project tactics with the 45th Philippine World War II.

The Shrike Program was out- and the Navy League, have join- SHORT: "Horse with Flying Toil" (49 Min.) lined by Leroy Riggs, Head, ed forces to establish an Army-Aeromechanics Div., Weapons Navy Museum at the birthplace Development Dept.

An outline of the Moray Pro- Philadelphia. visitors.

In Attendance

comb, W. E. Leutloff, F. B. Ros- phia 6, Pa. Checks should be United States. Louise McEwan will show a si, M. B. Davis and R. M. Goss. C. J. DiPol, R. W. Shupp Jr.,

Independence Hall.

NEWS ROUND - UP

rines.

Dolphin Keel Laid

perimental class, had its keel this week. in 1964.

and for oceanographic research. 70 hours.

Overseas Mail Call

is intended to be received by year. to air mail parcels only.

livery.

• Overworked? PORTSMOUTH, N. H. - For a WASHINGTON - While the change, the Navy is building oth- trend is down in working hours er than nuclear-powered subma- for American industry, the mili-

tary man's work week would The USS Dolphin, designed as make a labor official shudder, aca deep-sea diving vessel of an ex- cording to a survey published laid here in early November and According to the sample sur-

is scheduled for commissioning vey of 90,000 persons in uniform, many work more than 65 hours Primary mission of the Dol- a week and less than 40 hours phin will be to provide engineer- per week is nonexistent. Longest ing data which will be used to period of time worked, accorddesign deep-diving combat sub- ing to the report, is the rated marines. She will also be used first lieutenants in the Air Force to evaluate advanced weapons who said they were putting in

Gunless Cruisers Due

WASHINGTON - The Navy will WASHINGTON - The last date have three cruisers left with on which mail destined overseas guns as their main batteries folwill be accepted is Dec. 10, ac- lowing the scheduled decommiscording to the Post Office, if it sioning of the USS Helena next

Christmas. And, this date refers | Currently serving as First Fleet flagship, the heavy cruiser The announcement noted that will end 17 continuous years ser-Nov. 20 was the cutoff date for vice. She leaves as the Navy's Christmas parcels bound over- only gun cruisers, following seas via regular methods of de- mothballing, the USS Newport News, St. Paul and Los Angeles.



DEDICATION CEREMONY — Maturango Museum dedication included welcome address by Capt. Charles Blenman, Jr., ComNOTS last Saturday morning, in addition to formal ribbon-cutting ceremony in which Curator Sylvia Winslow and Rhea Blenman, museum director

participated. Guests and members of museum heard speakers laud the "community spirit upon which this museum was founded" by guest speakers Charles Scholl and Richard Bailey. Museum hours are 6-9 p.m. Tuesday, Thursday, Friday, and 1-4 p.m. Sunday.



are aiding in the perfection of an ejection device for the safety of U.S. astronauts

ment of a second generation

Mercury spacecraft. **Test Ejection Systems** tem which will permit safe evac-

high tower.

Seat Design Told

Space Administration, their role in project "Gemini," the develop-

ini spacecraft is an enlarged and sub-contractor to McDonnel Air- to the Bureau of Weapons, is the far more complex version of the craft, prime contractor.

tor-catapult combination is used prehensive indoctrination tour Members of the Test Depart- to eject the seats. Sufficient of the Station's facilities. ment's Supersonic Test Division, force is generated to throw the In conjunction with familiariment - to test an ejection sys- the astronauts safely to earth. development centers.

To Eject Dummy uation in the event of serious After completion of the demishap on the launching pad- velopmental stage during which Aetna Agent Due during the initial spacecraft all the "bugs" are eliminated, boost phase — and again, during the prototype seats will then be subjected to a series of off-the-Using two life-like dummies pad and sled tests in the quali- Paul Menefee, health insur- named by BuWeps along with of guerilla warfare was presentmies will be ejected while the during the following hours: A series of sled tests are in (Please Turn to Page 8)

hour. During the run the dum- tation at the Community Center

Friday - 8:30 a.m. to 4:30 p.m.

Tailor Due Here

Naval Uniform shop representation next Monday, Dec. 10.

hours Monday at the Naval Air Earl Yim. Facility, and the balance of the day at the Community Center.

WHAT'S IN	SIDE
Community News	Page 2
Editorial Page	Page 4
Feature	Page 5
Pasadena Report	Page 6
Sports	Page 7
Entertainment	Page 8

Here at the U.S. Naval Ordnance Test Station, engineers today Vol. XVII, No. 48 Naval Ordnance Test Station, China Lake, California Fri., Dec. 7, 1962 Undertaken at the request of the National Aeronautics and the Administration, their role in project "Gemini," the develop-at of a second generation Junior Professional From BuWeps Gets ment of a second generation spacecraft which will carry two men through space for a week or more, is vitally important to been designed and fabricated by been designed and fabricated by the through space for a week or more, is vitally important to been designed and fabricated by the through space for a week been designed and fabricated by the through space for a week or more, is vitally important to the through space for a week been designed and fabricated by the through space for a week been designed and fabricated by through space for a week been designed

Thirty-five officers of the BuWeps Reserve Officers Program from the Alameda, Los Angeles, and San Diego areas, who are participating in a West Coast Weapons Seminar hosted by NAS Los Alamitos, paid a one-day visit to the Station yesterday.

Following an official welcome by Captain F. F. Reck, Plans

land.

FROM UNDER THE SEA TO THE STARS

reservists by Dr. Marguerite M. the program. Rogers, who last week was In the afternoon the tactics

the Station's work at China Lake, a tour of Michelson Lab where Pasadena and San Clemente Is- they were able to inspect a display of free-fall ordnance items.

A discussion of the Free-Fall A tour of the ranges con-Program was presented for the cluded the morning's portion of

made the tests from a 150-foot speeds in excess of 650 miles per high tower high tower uring the following hours: Thursday — 8:30 a.m. to 6:30 Including Aaron To Zum

The new Station Directory, a fairly hefty, fact-filled book, made its debut last week.

A phone book as well as a listing of employees and activities, Navy Uniform Shop it contains 89 pages with approximately 60 entries per page for NOTS China Lake employees alone.

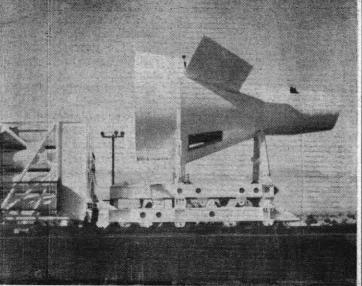
Leading the China Lake entries is Jay Aaron and the last Officers and CPOs may have name in the China Lake section is Edwin Zwerski which wouldn't measurements taken and order fit into the headline of this article. Lead off man in the Pasadena uniforms through Nate Cohen, section is Arvin Ackerman and the last entry is Luther Ford Zills. Shortest names in the three letter category runs something

tive, who will be aboard the Sta- like this: Charles Joy, Harley Kay, Ray Lee, Stanley Kus, Pearl K. Law, Robert R. Law, Stephen Lee, Thomas Lee, Corliss Lux, Cohen will spend the morning Charles May, Donald May, John, Arthur, and Elizabeth New, and

There are three Lindbergs listed, one is a pilot, and at least five names which reflect cities - Lancaster (Calif.), Lansing (Mich.), Lind (Wash.), Miles (Mont.), and Ogden (Utah). There is a Muse, a Major, and a Minor.

One hundred and five pages of the book are required to list the code, building, and room numbers, opposite individual names, together with the office and home phone numbers, plus the home addresses.

The yellow section of the directory holds a wealth of information, requiring 23 pages with about 132 entries per page listing every department, division, branch, section, and support activities. And if anyone gets lost around here, it won't be the directory's ************************ fault. It contains a map of the Station's streets and main buildings.



MOCK-UP SPACE CRAFT - NOTS technicians and engineers are currently conducting work aimed at day Gemini will hurtle into space with two astronauts. Mock-up version, mounted on sled, is undergoing tests here related to seat ejection systems. Gemini will carry two men through space for a week.

first of his level employees from A solid propellant rocket mo- Washington to undergo a comdirected by project engineer, seat occupants 300 feet up from zaton training, Thibault is sup- and Operations Officer, the vis-Mario Falbo, have been conduct- the pad and 7-800 feet out from plementing his tour here this itors were shown the NOTS film Award. ing a series of seat ejection tests the spacecraft to insure a safe week with trips to various west "Expanding Frontiers in Ord- Following Dr. Roger's presen-

since July 1962. Their assign- clearance. A parachute returns coast aerospace and research nance," which depicts phases of tation the reservists were given



instrumented with acceleromet- fication stage. A mock-up of a ance representative for the Aet- two other candidates for the ed for the visitors by Tom Baxers and gyros to obtain seat-dum- Gemini spacecraft will be mount- na Insurance Company, is sched- Third Annual Federal Woman's (Please Turn to Page 8) my acceleration and roll, pitch ed on a sled and propelled down uled to visit the Station next and yaw data, engineers have a 4-mile supersonic track at Thursday and Friday, Dec. 13-14.

Page Two

THE ROCKETEER

Andy Victor Named Standards Head

Andrew (Andy) Victor was

agment to head the Standards

tion Division of the Engineering

transferring here.

science aide for the Army.

Friday, December 7, 1962





Board Member.

Someson and including Capt. lancey's 73. McCreery and Bill Van Duch A tournament honoring schedagainst a field of 36. uled visitors from the Beverly Doc Adams, the "Hawaiian Hills Navy League Council has Eye," slammed home with a low been cancelled due to postpon-

SEEN AND HEARD



Academy

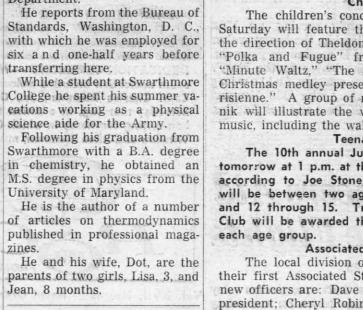
Colin, the third, was 16 months old at the time, but learned at an early age of his father's heroism, and his waiting Presidential appointment. In fact, Colin says "I never considered going anywhere else." Now a first classman at the Military Academy, Cadet Kelly

went first to Dickinson College in Carlisle, Pennsylvania, where he took algebra, French, chemistry, and English. Then with thousands of others, young Kelly took the USMA competitive examinations and won his appointment the "hard way," which for him was the "right way." Winning a commission was one ambition, singing with the

Glee Club at West Point was another, and playing soccer was another. Right now, Kelly is two for three, being Cadet in Charge of the Glee Club, and having won two numerals and two letters in soccer. The commission in either Armor or Infantry will come in June 1963.

Last Saturday though, Cadet Kelly and the Army soccer team would have traded them all for at least one goal against Navy. The Navy lads hustled to a 1-0 win over Army in the annual competition at Clinton Field, and Kelly as usual went the "hard way." He played forward and right half.

Coach Joe Palone, who's been at West Point for 18 years, and soccer coach for 13, says of Kelly, "he's a wonderful lad, Colin, who's only 160 pounds and stands six feet, is a wiry boy, and one of the most loyal, hard workers on the team." Perhaps the nicest thing a person could ever say about



Mission Parish from 8:30 a.m. throug 3:30 p.m. The Reverend Joseph Pacheco of St. Rita's parish in Tulare will be director of the conference and spiritual lessons.

A luncheon break, scheduled from 11 a.m. to 1:30 p.m., will be the only interruption in the day-long sessions. Calling All Husbands

Community

And Social News

By CHERI LAKE

Day of Recollection

the Confraternity of Christian Doctrine of the Santa Barbara

A Day of Recollection is to be held tomorrow sponsored by

Take a lot of imagination, mix well with Christmas tradition, season with gaiety, stir with a husband, and what will you have? The Christmas decorating party at the Officers Club tonight at 7 p.m. The WACOM gals say that the husbands are essential for some tasks beyond the "weaker sex" in seeing that the Club is well decorated. Dress is casual - no stiff shirts or ties - so bring the husbands! There will be a bonus for them in Tom and Jerrys and special entertainment.

Children's Concert

The children's concert at the Station Theatre at 10 a.m. Saturday will feature the Desert Community Orchestra under the direction of Theldon Myers. The program will include the "Polka and Fugue" from the opera "Schwanda," Chopin's "Minute Waltz," "The Peer Gynt Suite No. 1" by Grieg, a Christmas medley presented by a bass choir, and "Ballet Parisienne." A group of modern dancers directed by Joan Leipnik will illustrate the various rhythms making up the ballet music, including the waltz, galop, and famous can-can. Teenage Archery Contest

The 10th annual Junior Archery Tournament will be held tomorrow at 1 p.m. at the Archery Range at 57-B Rowe Street, according to Joe Stone, sponsor of the group. Competition will be between two age groups, those 9 to 11 years of age and 12 through 15. Trophies donated by the Rocket Bridge Club will be awarded those placing first, second and third in

Associated Student Body Elections

The local division of the Bakersfield College campus held their first Associated Student Body elections last week. The new officers are: Dave Benedict, president; Gary Osborn, vice president; Cheryl Robinson, secretary; and Eleanor Johnson, business manager. Representatives to the Student Council are: Helene Carter, Don DeWitt, Florence Green, Bill Pollard, and Roland Reynolds.

Navy Wives Club

Navy Wives Club members are reminded that a good turnout is needed for the meeting on Monday, Dec. 17, to help prepare for the Club's Christmas Party. Two members of the Club were presented with Navy Wives aprons at the monthly coffee hour held at Mrs. R. C. Fenning's home, the Club's sponsor. Recipients were Julie Degraw because she is leaving the area for Hawaii, and Frances Simpson because her husband has retired after 22 years of active duty.

Engineering Group to Meet at Lone Pine Members of the desert branch of the American Society of Civil Engineers will travel to Lone Pine on Friday evening for the group's next meeting. Cdr. J. A. McAllister, Assistant Public Works Officer, will speak on "Construction Problems



Local Man Snorts At Modern - Day Physical Fitness advent of World War II. By BUDD GOTT which began in Los Angeles to his 1928 performance entered

haired, jolly 210 lb. fellow, who York City. serves Codes 40 and 45 as a bustling equipment specialist, had Harrison knows because he days to cover this route. an action packed life before com- walked and ran every inch of it ing to NOTS in 1946.

RECALLS RIGORS

sion that it truly is.'

a school teacher at the age of the money. lot, a crop duster in Hawaii, a technical writer, and had his own syndicated column in 628 newspapers.

A native of Missouri, Harrison on graduation from the eighth grade at the age of 16 took the State's teachers examination and passed it with flying colors. The next four years was devoted to teaching the first to eighth grades in a country school until he decided it was time that he acquired a high school education.

Always athletic minded, Harrison's attention was captured by the famous sports promoter Charlie C. Pyle, often called "Cash and Carry Pyle," and his Bunion Derby of 1928.

Jobs were scarce, so Harrison fired with the ambition that he might finish in the top money, entered the 1928 Bunion Derby



'QUOTE ME' -----

Spiritual Return to

Christmas 'Welcome'

Is the highly commercial world in which we live destroying

the true significance of Christmas? Experts in the marketing

fields claim that this year's crop of new Christmas card designs

is an indicator. They say there's a trend developing that'll influ-

ence a return to traditional observances celebrating the birth of

Christ. How do you feel about this?

up to the individual

Circle: "I agree that commercial-

spiritual theme than others.

Mrs. LaNelle Tnompson, 100A named last week by Station man-Mrs. Mary Jane Heckenkemp- Knox: "Anything that subordier, 104A Byrnes: "My Christmas nates the spiritual significance Lab of the Engineering Evaluaobservance has never been too of Christmas should not be tolcommercial, primarily because erated. I feel very strong on this Department. we simply don't get too commer- subject and am delighted to cial. I like to think that Christ- learn that a trend toward a wider Standards, Washington, D. C., mas observances are pretty much observance of Christmas as a spiritual event has been started."



Mirs. Dorothy Booth, 309B Independence: "Somehow, it just University of Maryland. Mrs. H. W. Fath, 54 Hubbard coesn't seem like Christmas - in He is the author of a number ization is affecting our Christ-the way it used to when we were of articles on thermodynamics mas observances. Christ should kids. Maybe it was the way we published in professional magabe put back into Christmas. Com- all buy our children toys through zines. pared with the more metropoli-tan areas, like Los Angeles, I think ours does onion a broader. He joy of receiving gifts think ours does enjoy a broader seems rather empty



rather than the spiritual occa- come a more traditional observ- overtime payment. ance.

Took 80 Days



carried away with their shopping, it does detract from the true pay due largely to advertising influ- Christmas spirit we all talk As an example, if he worked

Overtime For Work In Excess of Eight Hours All of the government's blue

collar workers are now guaranteed overtime pay for any work in excess of eight hours a day. Bill Nash, TID, Fresentations Under the new law, an employee Warren J. Fisher, ADJ1, XV-5: Division: "There's a tendency to can work only a fraction of a 40-"I think most people get a little be too commercial. And, I think hour week and still get overtime

enc s. Through the years, Christ- about. I'm happy to learn that 10 hours on Monday and was off mas has been permitted to de- this trend is being reversed and sick for the rest of the week he velop into a commercial event, feel that everyone would wel- would receive the two hours of

in Newfoundland

Syndicates Column papers throughout the United When he and his wife, Irma,

place weighing 139 lbs. Though he ended in second place he had filed bankruptcy.

against the late promoter, as he time sports promoter of football with "Red" Grange and the one to professionalize golf.

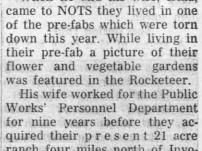
After his Bunion Derby days, Harrison spent several years working as a movie extra. It was during these years he conceived During the interim until his column a c h i e v e d success, he found employment with the Los

son serving a total of 628 weekly

kern on Brown Road where they MAM

1929

ARIZONA



raise vegetables as a hobby. The crowning event of the Harrison's lives came 29 years after their marriage with the birth of their first child, Stephan, who is now 18 months old.

Sixteen Ayshire cows in Scotland suddenly stopped drinking from their trough and stopped giving milk. The mystery was solved when a veterinary took a drink from the cow's troughand let out a yell of pain.

Electricians found a short circuit which connected the cow trough to the farm's electricity supply.



Today

· Oliver Harrison, a thinning end 3,667 miles later in New Pyle's 1929 Derby which was run Even after his syndicated col- During World War II he was from New York City to Los An- umn was successfully launched busy as a technical writer until geles via Highway 66. It took 88 under the by-line of Cliff Harri- he came to NOTS in 1946.

Sponsored by Miami

in one day was 82 miles and the

He started the run weighing 186 lbs. and finished in second never received one cent as Pyle

Hollywood

his "Around the World" column.

In his brief years, he has been fortunately he didn't finish in sor, the town of Miami, Ariz., Cordova, Alaska, and one in Cen- of the pre-fabs which were torn which helped to defray his ex- tral America, he still continued down this year. While living in 16, walked across the continent With the depression on in penses. On this trek, Harrison's to work for the railway. His ten- their pre-fab a picture of their twice, been a barn storming pi- earnest, Harirson undaunted by average was 50 miles per day. ure totaled 16 years before the flower and vegetable gardens The longest distance he covered

shortest was 21 miles.

Today, he holds no grudge admires Pyle as the first big

Angeles Metropolitan Railway.

over a period of 80 days. Un- This time Harirson had a spon- States with one as far north as came to NOTS they lived in one

Early NOTS Days

ranch four miles north of Invo-

CAGE ACTION-Local courts are filled with basketball action as season's pace quickens in intramural play. Six teams, representing Station departments, are pitted in action that will continue through Jan. 31. Games are played locally on Tuesday and Thursday nights.

Local Linksters Elect New Club Officers

Captain Bernard L. McCreery was voted incoming president ter: Champ - Jay Payne, A at the China Lake Golf Club last Wednesday, succeeding Jim Class - Jerry Fiscuss, B Class-Greenfield and highlighting a week of activity that included a Lou Thompson, C Class - Terry surprise "Beat the Pro" tournament held last Sunday. Aiding the new prexy in term of office will be Flovd Rochwell.

vice president; Nona Turner, secretary; Warren Stelzmiller, treas-

net score of 65, followed by Jack ment of the visit, according to Lewis and Bob Hill with 68. Leo Someson.

THE ROCKETEER

Annual Awards Go To 19 Bowmen At China Lake

Jack Nelson paced the field to shoot his way to A Class honors in the finals of the American round archery shoot held last Saturday. In the B Class standings were Ken Catcott, 1st place holder, followed by Bob Stedman and Ken Bryant.

Eleanor Huckleberry and Pat ti Beyer drew 1st and 2nd places spots in the C Class competition.

Announcing a Park Round meet to be held over a 3 week period starting Dec. 8 at 10:00 a.m. on the China Lake archery range, the China Lake Bowmen said all entrants must be classified by the NFAA Field Round to participate.

Annual awards were presented at a pot luck held last Saturday at the old archery hut. Receiving the citations were:

Flint Round Second Quarter Women's: Champ - Madge Bryant, A Class - Evelyn Grassing, B Class - Mary Franks, C Class - Patti Beyer.

Flint Round Third Quarter Women's: Champ - Madge Bryant, A Class - Patti Beyer, C Class — Eleanor Huckleberry.

Mens Flint Round Third Quar-Kovach.

First American Round: A Class - Jay Payne, B Class - Bob Stedman, C Class - Auston Doturer; and Doc Adams, 2-year Enriquez, Club Champ, and son, D Class - Sheila Stedman. Frank McElfish tallied a 70, fol- Annual Field Shoot: 350 Class The Sunday tournament pitted lowed by Milt Wolfson's 72, Bob - John Loper, 250 Class - Bob the trio led by club pro Paul Driggs, Gus Meade and Larry De- Stedman, 175 Class-Willie Rice, 100 Class - Bob Beyer.

SPORTS QUIZ

1. Who was last year's rookieof-the-year in the American Football League?

2. Last year Wilt Chamberlain scored 100 points in a single game to set a new National Basketball Association record. Who previously held the record and how many points was it?

3. How many innings are needed to qualify for the Major League earned-run-average title? 4. Who holds the National

League career record for most stolen bases?

5. Who holds the National Football League record for best punting average?

6. What two NFL players share T the record for most touchdowns | I

in one season. 7. Who is the tallest player in the National Basketball Associa-

8. Who is the coach of the world champion Boston Celtics,

(Answers to Quiz)

8. Red Auerbach.

"S 'T , slenoiteN

7. Wade Halbrook, Syracuse

Ruren. 6. Jimmy Brown, Steve Van

5. Sammy Baugh.

4: Max Carey with 728.

3. A minimum of 162 innings.

in three overtimes. 2. Wilt Chamberlain; 78 points

I. Earl Faison.

TEMPERATURE						
		and a street	Max.	Min.		
Nov.	29		. 58	41		
Nov.	30		65	39		
Dec.	1		66	33		
Dec.	2	1000 C	64	31		
Dec.	3	<u> </u>	. 61	32		
Dec.	4		67	33		
Dec.	5		71	34		



After their crushing win over the Fightin' Irish, USC has been named winner of the MacArthur Bowl as the top college football team of 1962. You can now order tickets to watch SC beat Wisconsin in the Rose Bowl by sending a self-addressed stamped envelope to Ticket Department, University of Southern California, Bin 1800, Pasadena. Each ticket costs \$6.00 plus 50¢ for handling, and you may not order more than 2 per person.

Bakersfield is mushrooming into a sizeable mecca for sports. Last Saturday saw Long Beach City College, the top small-college football squad in the country, sterilize Contra Costa in a 66-8 rout that netted them the 1962 Potato Bowl Crown. 20,000 people attended in spite of the array of competing sports activity in the area. Last Monday night, George Parnassus, former Olympic Auditorium fight promoter, matched Gaspar Ortega against Tony Noreija. There was similar activity at the new Civic Auditorium. Earlier this year, Bakersfield Country Club staged one of the richest golf tournaments on the California circuit. Indoor midget auto racing is another of the spectacles included in the future plans, and the ice-hockey club will make its debut tomorrow night with a schedule that includes 21 games at the home rink.

Speaking of Ice Hockey, servicemen can enjoy the fast action of the league-leading L. A. Blades at the Sports Arena for just 75 cents.

Basketball is well into its regular season, but its furious light is as yet a bit dimmed by all the furor and continuing interest in Football. I have access to pre-season All-America picks and team standing outcomes, but I hate to use it. At the beginning of football season, Purdue was picked to finish No. 1, Alabama 15th, and Southern Cal wasn't even mentioned. UCLA is a strong favorite to take the cage title, however, as is Stanford

Quick sketches of Note-Bill Russell, of the Boston Celtics, owns and operates a rubber plantation in Liberia, and is now the sole distributor of American Records in that country.

Bob Cousy, playing his last year of pro basketball, says that by the end of the decade, no one under 6.5 will be playing pro basketball.

The Detroit Tigers, winding up their Japanese tour, have invited the Osaka Tigers to spring drills at their camp in Florida. After his rousing win over Gene Fullmer, Dick Tiger is

expected to receive the "Fighter of the Year" award.

Now that football season is just about over, I wish to take exception to some of the equipment the high school players are forced to use in playing the game. One of the worst things that can happen to a boy when he is being tackled, is to be grabbed by the face mask and thrown down.

These face masks, that are supposed to provide protection to the face and mouth of the player, are in many cases the cause of unnecessary harm. It's true, there are rules that forbid grabbing the face mask, but these young men are not experienced enough to avoid grabbing them inadvertently. Now that we have the rule concerning mouth protectors, I say let's get rid of these other nuisances. I'd rather have a busted nose than a broken neck, anyday!

Keep Smilin', Sport! See you next week!

Mixed Fours	Man	Lost	China Lake Wome	NAC-	Los
ſwisters	. 25	8	Cream Puffs	. 21	6
Lo Balls		13	Bonnies	. 19	8
Hildreth Motors		15	Hells Belles		8
M. E.'s		16	Splinters		11
Metal Trades		161/2	The Duds		12
Chukars		17	Hi Los		14
Bapkjz		17	Jolly Kone Deuces	. 13	14
Pin Heads	151/2	171/2	The Jets		15
Kegelspielers	. 15	17	Variety Girls	. 9	18
Hopefuls		19	NOTS Credit Union		18
H A R D		21	Deadbeats	. 9	18
O'Lays		21	Kickbacks		19
Desert Bowling		e	Midway Lea	que	
	Won	Lost		Won	Los
Desert Music	1.	10	Chillers	35	17
Millers		11	Pincrackers	32	20
Sumco		15	Teetotalers		22
Bluejackets	18	15	Tadpoles		22
Weapons		12	N.A.F	. 28	24
Demarcos		16	Blue Jackets	27	25
Dark Horses		17	Karls Market		25
Light Horses		17	Triangle		29
Desert Bowling League		Alley Kats		29	
	Won	Lost	Nolo's		32
No Names	a second and	20	Apes		33
Playboys	. 12	21	Aero-Chems	18	34
Station Hospital		18			
Salmons		23			
Premier Le				25.7	
	Won	Lost	Pivo onão fo	r moi	
Hungry "I's"		13	Give once fo	IIId	IY I
CPO Club	17	16	Addition of the second s		
Desert Motors	. 16	17	THEUNITE		
Patricks	16	17	HEUNIL	UW	AY I
Butlers Venders	. 16	17		THE 2	1
Ballard Trailer Sales	14	19	The Personnel with the local sector		-

Another Hero In Another Generation

When President Franklin D. Roosevelt declared Dec. 7, 1941, a "day that will live in infamy," many men and women brushed destiny to either live or die heroes. Army Air Force Capt. Colin P. Kelly, Jr. (West Point Class of 1937), was one of those who paid the supreme price of freedom. Capt. Kelly became America's first WWII hero when he crashed his bomber into a Japanese warship to brighten the glow of freedom and patriotism from coast to coast.

It was at decoration ceremonies for Capt. Kelly, that President Roosevelt announced an open letter to the President of the United States in 1958, requesting that President to appoint appoint Capt. Kelly's son, Colin, to the United States Military

anyone, is what Coach Palone says about Cadet Colin P. Kelly, III — "His hat size has never changed."

And while Army didn't win the soccer game with Navy, Cadet Kelly must know that a very special member of the Long Gray Line looks down on the Plain at West Point, and echoes, "You are a man, my son."

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Page Six-

THE ROCKETEER

NOTS Pasadena News

Virginia E. Lane - Ext. 481

Friday, December 7, 1962

UOD Idea Men

and Photo Branch and Ruleph J.

Fujii's award of \$25 was based

Davis, a Model Maker (Mach).

sulting in improved method and

Vogt received \$15 for suggest-

Coyne received \$15 for safety

ing "Relocation of shop air

lines." He is a Model Maker (Ma-

factors in suggesting signs on

Plans For Annual

Xmas Party Made

Employees Service Organi-

zation President Bill Peete

has announced that plans are

underway for the annual ESO-

Date set for the event is

Friday, December 21, 5-7 p.m.

at Eldorado Inn. Keep the date

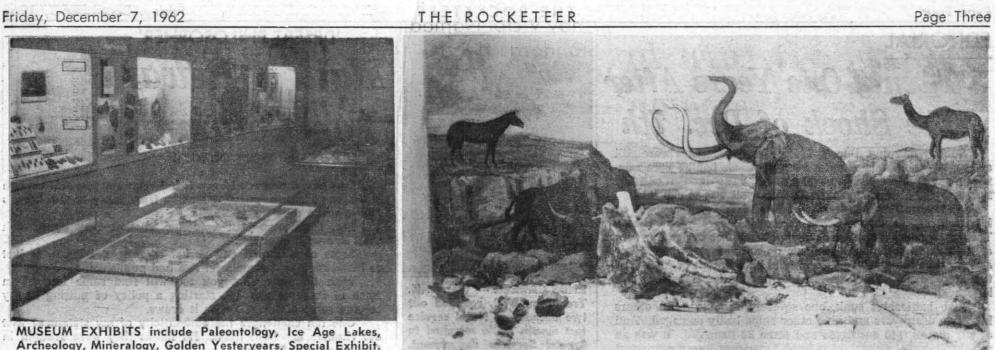
sponsored Christmas party.

hallway doors.

morning.

open!

on improved method and safety











APPROVING SMILES — The American way of life has agreed with Dr. and Mrs. Frank

Mona, and son, Frank, since tehy came here three years ago. They say, "Americans are B. Sperling, pictured above with daughter, so informal . . . not so tradition bound."

West Berlin Family Compares Ways of Life After 3 Years

Propulsion Division, and his fam- they concentrate on German in wurst. It is sold like hot dogs." ily will have lived in America the home so the youngsters have Maja worked as a Physiotherply to the changes in their lives, both languages. however.'

so bound by tradition. They are make a purchase.' inclined to pursue individual de- "Also grocery shopping is many drive, particularly women, peans.

ed: "Everyone here is so friendly. our home." We haven't felt like strangers at all

From West Berlin

Immigration Program.

Their son, Frank, will be five merchandise is offered."

of life is different in many ways, "The informality is carried over turn to her career. into shopping, too. It's delightful Noted as perhaps the major to be able to go into a shop and difference is "everyday living," try on several articles of cloth- has also learned to drive, com-"Americans are so informal-not ing without being obligated to menting "Comparatively speak-

sires more readily than Eupro- simplified. One trip a week is because there are not as many sufficient for my family since cars. Though Frank knew how to Dr. Sperling's wife, Maja, add- we have a large refrigerator in drive, we did not own a car be-

Trading Stamps Not New

tion of trading stamps. Maja re- light - camping. They have just The Sperlings came to NOTS plied: "Oh yes, we have trading taken their first camping trip-Pasadena from West Berlin, Dr. stamps in Germany but they are to Kelso Valley - and now plan Sperling being the first employed turned back to the issuing mark- to purchase all the necessary here under the Defense Scientist et or store for cash refund in- equipment. Though camping is tead of a trading center where very popular in Europe, they had

years of age this month, and Maja is also learning to cook their daughter, Mona, will be American style though she ob- Dr. Sperling adds: "We've three in January. "Mona's the serves that meat cuts are differ- taken to the seemingly typical only American in our family," ent and many things she has al- travel trend of Americans, and Mrs. Sperling smilingly says. | ways cooked in her native land have made one journey to Las Both children attend pre- are not available here. She laugh- Vegas. We thoroughly enjoyed

Dr. Frank B. Sperling, a Me- school where, of course, English ingly added: "There are no hot chanical Engineer with the Ap- is spoken. And though the Sper- | dog stands in Germany. The closplied Mechanics Branch of UOD's lings speak English fluently, est thing to it would be our bock-

three years next month. In re- learned to understand and speak apist for six years, including eight months in Scotland. She is Dr. Sperling said: "We've enjoy- Returning to their life here, concentrating on her family now ed every minute of it. Our way Maja remarked on shopping: but may, at some future date, re-

Learns to Drive

Since coming to America, she ing, not as many people in Gerfore coming here.'

The Sperlings have recently With shopping comes the ques- taken up another American denot tried it before

Enjoys Travel Trend

this venture and plan another trip soon.'

Do they plan to remain here? Dr. Sperling commented "The decision has yet to be made. We are not homesick though we miss not being near our family. Maja's sister will be here next month for a visit so right now we're looking forward very much to that."

Returning to the question, he remarked "It will be a very hard decision to make when the time arrives."



Virginia Olson, Annex Nurse, has announced plans for a second "Flu Cinic" to be held at NOTS Pasadena on December 14, 10 a.m. - 1 p.m. in the Dispensary.

Employees may plan to have their booster shot at that time, or if they missed the first clinic may have their first shot. Both are one dollar each. The clinic is sponsored by the Employees Service Organization.

NOTS Hoopsters Edge Out Consolidate In The First Game of Season

NOTS Pasadena hoopsters Receive Awards edged out Consolidated Electro- Benny Suggs were awarded Dynamics 33-32 in their first this week to four men of UOD's game of the season last week, in Product Engineering Divisionthe Pasadena Department of Rec- Tomoaki Fujii of the Publications reation League.

Up to the fourth quarter, the Davis, Arnold M. Voge and J. W. NOTS team held a 5-point lead. Coyne of the Manufacturing and A fast-breaking final quarter saw Product Engineering Branch. the Dynamics team inch ahead 32-31. With 30 seconds of play remaining, Ray Brooks on a fast factors in connection with alterbreak brought in a basket to win ation of a camera pad. the game by one point.

Team members invite all employees to come down for the received \$15 for his suggestion ames and give them a rooting of "Bracket for Liquid Hone" resection. Schedule of games are: (Day) (Date) (Hour) (Gym) (Op- safety. ponent)

Mon., Dec. 10 - 7 p.m., PCC, Electro-Data Corp. Thurs., Jan. 10 - 9 p.m., PCC, chining).

Jet Lab II. Mon., Jan. 14 - 7 p.m., PCC.

Electro-Data Corp. Tues., Jan. 22 - 9 p.m. PHS, Awards were made by J. H. Bresee Church of the Nazarene. Jennison, division head, in an all-

Mon., Jan. 28 — 7 p.m., PHS, hands meeting last Monday Pasadena Fire Department. Tues., Feb. 5 - 9 p.m., PCC,

Scholars — LaCanada Junior High School Teachers. Mon., Feb. 11 - 9 p.m., PCC,

National American Insurance Co. Tues., Feb. 26 - 9 p.m., PCC, Scholars.

Playoff games will be announced upon completion of schedule.



LAW IN ACTION

IDEA MEN

so you don't want them pirat-

Suppose your idea pays off. Can you protect it from someone else using

it? Of course if any embodiment of your idea is patentable, vou will have pro-

get legal protection for your himself and should pay royal-

ployee. He wanted to look into made for the idea. the patrol's files for material.

Instead of helping the author, the employee took the idea to a TV producer who in return hired him as "consultant." Result: A TV show using the writer's idea.

The writer sued. The California court said he had no "property right" in the idea of using government files for a TV show. It was old stuff. His imparting the idea in "confidence" did not protect the idea.

Note: California lawyers offer this column so you may know about our laws.

an "idea." As a rule, the idea Some ideas pay off big, and man won't be protected until he ties his idea down to somening tangible which can be patented or copyrighted or protected against breach of confidence. Thus now and then, the idea man gets paid. One man made

and turned over a new folding chair to a manufacturer. The manufacturer copied features of it, but paid nothing. He pat ented the chair himself.

The court said the manufac-But what if it isn't? Can you turer had "unjustly enriched" ties for using the ideas.

Not as a rule: One writer Other courts have said there thought up a TV series about is a breach of confidence; and, the highway patrol. He wrote that the idea was disclosed some scripts for it and talked only on the understanding that his idea over in "confidence" payment would be made for with a highway patrol em- its use. If so, payment must be



But even so, the idea must

The original idea man might be tied down to something have protected himself in ad- concrete. If the idea becomes vance by a contract. Even an a "trade secret," a patent or a oral contract would have giv- copyright will afford protecen him some protection. tion. These have become Of course you might patent "property." Ideas alone are the tangible development of hard to classify as "property."



CONGRATULATIONS - Receiving a Sustained Superior Performance Award is Roy Kartzmark (right), Aerospace Engineer in UOD's Systems Development Division. Eldon Dunn, Head of Analysis Branch, makes the presentation and offers his congratulations.

Archeology, Mineralogy, Golden Yesteryears, Special Exhibit, Petroglyphs and Bristlecone Pines. Planners express hopes of expanding this volume in years to come.



BRISTLECONE PINES exhibit, presented by Ken Robinson, displays oldest known living tree, reaching age of 4000 years. Display traces mankind with rings identified with corresponding dates and events in history of world. Rings on section of tree, depicting age, are identified with tags and correspond to calendar of historic events.

PALEONTOLOGY EXHIBIT features backdrop painted by Sylvia Winslaw, Museum Curator, depicting animal life in upper Mojave Desert. Exhibit is highlighted by centerpiece; a jawbone over a million years old. Exhibit reveals the presence of camels, bison, deer

OPEN TO THE PUBLIC

and mastedon in desert areas as represented by bones that have been found over the years. Mrs. Winslow said exhibits would be changed periodically as materials are donated to form new exhibits.

Photos by Lee Mascarello, PH3

Praise Heaped On Museum Backers

Bailey, in delivering a Maturango Museum dedi- praise in dedication talks. cation address last Saturday morning, said it normally takes "years of planning before a comnunity museum can be even started.

working in close harmony, have achieved this tremendous task in one year!" asserted Bailey, adding that he detected the spirit in his brief visit here "that symbolizes the foundation on which the Maturango Museum was built."

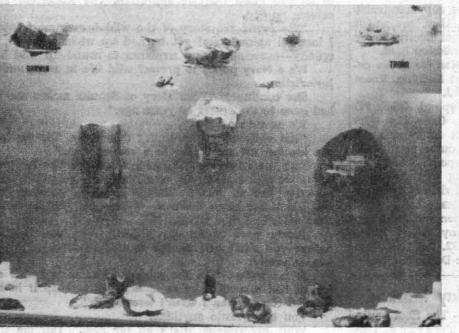
Competing with numerous Saturday morning events, not the least of which was the classic Army-Navy football game, the Museum these hours. dedication still attracted better than a hundred members and guests. Capt. Charles Blenman, Jr., ComNOTS, and Charles Scholl, president of traction spotlighted.

Kern County Museum Director Richard C. the Death Valley 49ers, added their words of

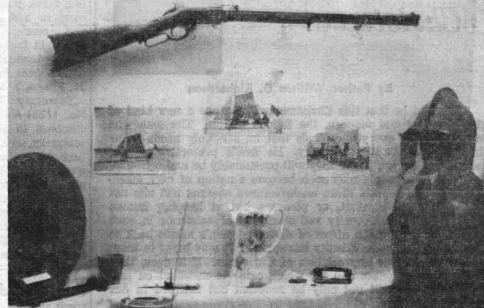
Burke West, Ridgecrest attorney serving as master of ceremonies and one of the Museum's early-day backers, lauded "the many individuals "Citizens of Ridgecrest and China Lake, whose efforts are culminated here today." He gave special praise to Museum Curator Sylvia Winslow for "dedicated, devoted time and energy for the benefit of the entire community."

The Museum is now open to the public on Tuesday, Thursday and Friday from 6 to 9 p.m. and on Sunday from 1-4 p.m. Friends of the Museum are currently serving as guides during

Mrs. Winslow said periodic changes would be made in exhibit materials with a featured at-



MINERALOGY EXHIBIT contains samples of gems and minerals found in the Trona-Boron-Indian Wells Valley regions. Semi-precious stones are displayed in uncut and polished form. The area is virtually a gold mine for the amateur or professional Rockhound. Each weekend sees visitors from the Southland combing the desert for specimens for their collections.



GOLDEN YESTERYEARS display contains articles of more recent vintage. A Winchester rifle of 1886, breast plate and helmet with Arabic inscriptions dated to the 16th-17th century, a 1900 picture of Randsburg's "Elite Theatre" taken in 1900, a desert sailboat taken in 1904 in addition to gold panning equipment and materials found in this area over the years.



RECEIVE JOD HOUR PINS-Four local women who have given much of their time to Navy Relief were rewarded this week. Receiving recognition (I-r) are: Mrs. John Fitzzaland, a 100-hr. pin; Mrs. J. A. McAllister, a letter of commendation; Mrs. K. H. Booty, a 100-hr. pin; and Mrs. Floyd F. Reck, a 100-hr. pin. The presentation was made by Capt. Charles Blenman, Jr., ComNOTS, to the ladies.

80% Mark Hit In **United Fund Drive**

Earlier predictions by cam paign officials that contributions to the 1963 Indian Wells Valley United Fund drive would reach 80 per cent of the \$40,000 goal proved to be right on the target, a check of the latest returns in he welfare campaign reveals.

According to Ida Martin, campaign treasurer, the total amount of cash deposited in the United Fund is now \$25,178.04 and this, together with pledges totaling \$6,837.26, brings the grand total collected in the United Fund drive to \$32,015.30.

This week's returns are an increase of \$1,521.51 over the amount reported last week, and a few more dollars are still expected, J. B. McKernan, general chairman of the United Fund, stated. 10.01



CHAPLAINS VISIT-Capt. R. J. Faulk, CHC, and RAdm. J. Floyd Dreith, CHC, Director of Chaplains Div., BuPers, talk with NAF's Chief Thomas W. Nolan during a reception honoring the Chaplain Corps officials Tuesday evening in the East Wing of the All Faith Chapel. Many of the Community Church members were present as well as Capt. Blenman, ComNOTS, to meet with the visitors.

Page Four EDITORIAL

Twenty-One Years After The Shock of Dec. 7th

Sunday morning, Dec. 7, 1941. Many Americans were still asleep, but thousands of miles away Japanese bombs were raining on our greatest Pacific naval bastion. "The day that will live in infamy," President Franklin D. Roosevelt was to call it.

And now, 21 years from that fateful day that brought us into the war, we look to Japan as our staunch ally and friend. The warlords are long dead and gone. Time has cooled our fury at the evil they wrought. But we do not forget Pearl Harbor and we never should. To do so would be a breach of faith with the more than 2,300 Americans killed in the December 7th holocaust.

Five battleships sunk, one severely damaged, two others hit. Two destroyers and nine other ships badly damaged. And of our planes, 140 destroyed and some 80 damaged. It was an awful toll, but the shock of it fired Americans into the greatest concerted war effort in our history. Almost four years later, when General of the Army Douglast MacArthur accepted Japan's surrender aboard the battleship Missouri, the war lords and their subject people had paid a terrible price for the Pearl Harbor treachery.

Remember Pearl Harbor-many of us in the Armed Forces do; we can recall vividly where we were, what we were doing, when the stunning, almost unbelievable news reached us. But many of us do not; we were youngsters at the time. It is as a nation that we should keep green this memory of what it costs to let an unscrupulous enemy strike the first blow.

For the flaming havoc of Pearl Harbor was superficial compared to the awesome damage an aggressor might inflict in the age of the atom. To remember it is to see that life-or-death necessity for strength and vigilance. Never to be lulled, never to be caught off guard-that is why the Strategic Air Command is poised, why the Navy's carriers and Polaris equipped submarines patrol the seas, why our ground forces are ready with men and missiles.

On this Dec. 7, as in the past, we grieve for the brave men who died at Pearl Harbor. The hearts of all Americans will be attuned to the memory of those who will not have died in vain.



By Father William G. Richardson

It might be that this Christmas will feature a new kind of gift, practical and modern, the fallout shelter. The man who previously had everything finds that he suddenly needs something and needs it very badly. He needs protection against radioactive fallout. Since they will presumably be underground, the American people may soon become a nation of cave dwellers. From all reports these manufactured caverns will aim not at convenience, comfort, or pleasure but at keeping human beings alive. The severity and starkness of existence in such shelters may have the effect of directing men's minds back to the roots whence Christianity has sprung. It may bring to them a new and deeper appreciation of Christmas. If it does, then the promise of peace and joy which came to mankind on that first Christmas will not only be renewed but fulfilled in our own time.

Christ's whole earthly sojourn was characterized by its definitely transient character. There is that note even about his birth. He is born as one passing through, like a pilgrim or a vagrant. His Mother crept into the last available cover, a cave in the Bethlehem hillside, and there gave birth to her Son. The cave provided protection but little else. In rather short order too the cave that sheltered him became a kind of trap. By some strange intuition, King Herod grasped the fact that this newborn King had in some silent fashion declared war on him and all that he stood for. So he struck the first blow, the highly inefficient slaughter of the Holy innocents by way of retaliation. The Prince of Peace was engaged in a warfare almost from the beginning. The Savior, who came to bring joy to the hearts of men, was the object of hatred, violence, murder. All is a part of the Christmas message.

The early Christians also seem to have had a weakness for caves. They used them for cemeteries. They found in the catacombs of Rome a place for meeting to renew the sacred mysteries of their religion. In those caves the Church got its footing in the world. The waning power of imperial Rome was gathered together to strike out against the insignificant sect called Christian. Now it was Christ's Church which constituted the threat to heathenism. Like Christ, his Church has known almost from the beginning the halo of hatred and the pressure of persecution. And it has known too the depth of peace and joy, which he brought upon the Cross.

The so-called free world stands under the omnious threat of atomic attack. The halo of hatred continues to surround the Church of Christ with voilence, murder, and destruction. And yet in the midst of all this evil, the Church continues to proclaim to the world with the angel: "This night is born to you a Savior, who is Christ the Lord." And her children hear and heed her words, many of them with an appreciation deeper than ever before. For in this crisis, they have come to see that the joy and peace of Christmas are theirs, because they have willingly accepted the invitation of Christ to follow him from Bethlehem to Calvary and thus to eternal life.



THE ROCKETEER

Trenholm, BTC, rounded out two decades of Naval service last month while attached to Special Services department. The veteran Navy chief will remain a b o a r d, supervising that department's gear locker.

PROMOTIONAL **OPPORTUNITIES**

Present Station employees are encouraged to apply for the positions listed below. Applications should be accompanied by an upto-date Form 58. The fact that positions are advertised here does not preclude the use of other means to fill these vacan-

Gas Heating Equipment Mechanic, \$2.93 to \$3.17 per hour, Code 70433 — Installs, maintains, repairs and replaces gas burning equipment such as cook stove, water heaters, space heaters, furnaces, water and steam boilers; also evaporative cooling and water towers.

Electrician (Lineman) \$3.02 to \$3.28 per hour, Code 70432-Installs, maintains and repairs electric wires, poles, supports, transformers and other equipment and accessories of electric power and light transmission lines.

File Application for above positions with Pat Dettling, Room 31, Phone, 71393.

Secretary (Typing), GS-5, PD No. 17211-AMI, Code 85 — Incumbent to act as Department secretary, with duties of preparation of correspondence, directives, screening of mail, telephone calls and visitors, and general office duties.

File application for above position with Jinny Millett, Room 34, Phone 72032. Deadline date for application: December 14.

Sub Birthday Marked NEW YORK - The fleet ballis

tic missile submarine, USS George Washington, world's first underwater nuclear missile-firing vessel, has celebrated its second anniversary of deployment. Commissioned on Dec. 30, 1959. the Washington launched the first two Polaris missiles while submerged on July 20, 1960. Within four months, she was patrolling the seas with 16 Polaris ballistic missiles.



Christian Science (Chapel Annex)

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

- Nursery facilities available Protestant: (All Faith Chapel
- Morning Worship—9:45 and 11 a.m. Sunday School—9:30 a.m., Groves and Richmond elementary schools.
- oman Catholic: (All Faith Chapel) Holy Mass-7, 8:30 a.m. and 4:45 p.m.
- 6 a.m. Monday through Friday, 8:30 a.m. Saturday
- 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. Unitarians: (Parish Hall) Fellowship Meeting-Sundays, 7:30 p.m. Sunday School-9:30 a.m.

Friday, December 7, 1962



One of the rewards I have found since starting this column is the complimentary mail I receive from many of the friends I have made over the years.

By "POP" LOFINCK

But, I welcome your opinions, whether they agree with what I've written or not. Some of this mail and verbal comments, I think, is just

as interesting as the material I've had published. With the hope that you too will find some interest in some of these letters, I'm starting a policy of putting in my column some of the response it draws.

One fan challenges the authenticity of my statement that our chukars are from India. He thinks they were brought in from Hungary. Not true.

The chukar partridge (Alectoris Graeca) planted in California by the State Department of Fish and Game, were imported from Bombay, India in 1918.

The French partridge is the Alectoris-Rufas. The Hungarian or European partridge is Perdix-Perdix-Perdix. The bob-white "quail" is a partridge (Colinus Virginda) of the same family as the chukar partridge. In New England

states, called partridge, which is correct. Range Rider "I've been over the rocks" Lupe Reyes writes, 'Having a hobby of collecting bottles is nice, especially if you can collect them full from the better distilleries and breweries."

I agree. A fan in Beverly Hills writes, "Your column is excellent

in every way. Your knowledge is invaluable and can't be learned in books.

"So glad you spoke up for the coyote. I don't believe in killing creatures. Have no sympathy with hunter goons with guns.

I'm delighted and flattered by her appreciation of my column. I hate goons with guns, too. And, it's good to know people who understand the distinction between sport hunting for food or pest control and killing something just because it is alive.

I'm not a vegetarian yet. If I eat meat somebody has to kill it. But, there's a big difference between killing what you eat and wanton slaughter of wild life. Moderation in all things, which comes under conservation. Wild game hunting is like harvesting a crop.

A fan in Santa Rosa, Calif., writes, "We can now take time to let you know that we appreciate The Rocketeer and your column no end.

"We found the story of the wild horses most interesting. I love all animals and get burned up when I see or read of cruelty-especially using airplanes to round up wild horses."

It's a Navy policy to protect wild life in areas under Navy jurisdiction. She continues, "Your story of Schultz makes me wish we

had gone to the desert 40 years ago." It's never too late.

"His philosophy," continues this letter, "Better to live in the lowliest cot than pine in a castle alone."

"On the other hand, human beings are like boilers. And, the same rules, it would seem, have an equal application to affection and to steam: Making love and putting steam on will entail the same mishaps. When you get too much pressure, all is lost by a collapse!"

Pretty good philosophy. But, when you live close to nature you don't put on too much pressure. You learn to live naturally.

A fan writes, "On the subject of color in men's clothing, I once had a sport shirt so loud I had to keep it in a soundproofed closet when I wasn't wearing it." You can overdo anything.

Well, my friends, that's all for now. Tell me what you think about this new policy.

Quote of the Week "She would rather light a candle than curse the darkness and her glow has warmed the world." - U. S. Ambassador to the United Nations, Adlai E. Stevenson, in tribute to the late Mrs. Franklin D. Roosevelt.

French Stamp Glue To Be Mint Flavored

The chore of mailing Christmas cards could be made more pleasurable next Christmas if the U. S. postal officials would follow the example of the French in introducing flavored glue on stamps.

The French says their experiments with mint-flavored stamps have been so successful they will follow up next year with stamps Confessions-8 to 8:25 c.m., 7 to 8:30 p.m. flavored with various apertifs, including anisette.

> ty: "My, your husband looks priated funds in compliance with Navhandsome in his new suit." "Oh, that isn't a new suit. It's a new husband."







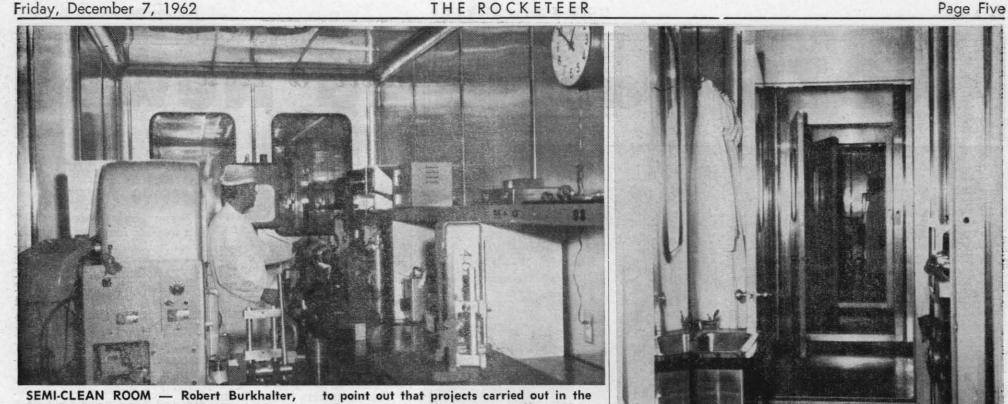
U. S. Naval Ordnance Test Station China Lake, California

Station Command "J." "T." Bibby **Public Information Officer**

Jack G. Broward Editorial Advisor **Budd Gott**

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Development Department.

White Room. Five Doors



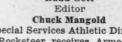
ervisor.



Official Weekly Publication of the

Captain Charles Blenman, Jr., USN





a mechanical engineering technician, is shown checking a seeker head on an electro-optical device in the 99.97 per cent pure air of the Semi-Clean Room. He is adjusting the gyro mass balance to coincide with the optical axis. An ex-Navy man, Burkhalter is quick

White Room Complex is a team effort. Here he believes is the ultimate in pooling of ideas and skills which will lead to new techniques and short cuts in the assembly of gyros for NOTS missiles. Each employee is a partner in sub and final assembly.

FIVE DOORS - One must pass through five hermetically sealed doors and three air locks before reaching the sanctuary of the Super Clean Room much like the neurosurgeon Dr. Ben Casey does in his visits to his mentally disturbed patients. Cleanliness is next to Godliness here.

NOTS 'White Room' Equals Hospital Cleanliness

By BUDD GOTT

The White House may have its Red Room, Green Room, Blue Ben Casey. Room, etc., but Michelson Laborwas conceived by the Weapons

Room complex located in Mich forms. Lab next to the machine shop. The White Room is more sterile and dust free than the most modern hospital, according to Edwin "Eddie" Allen. A methe Mechanical Section of the Optical Design Branch in the Air-to-Air Weapons Division

As one enters the first of five



CHECKOUT - "Eddie" Allen checks out a Sidewinder component for optical alignment on an optical comparator. A native of St. Louis, Missouri, Allen came to NOTS in October of 1946. His only previous experience in Civil Service was a short period of employment at the Mare Island Naval Shipyard. A mechanical engineer, Allen heads the Mechanical Section of the Optical Design Branch which has cognizance over the White Room, Jim Foust is the White Room sup-

Shoes Cleaned

of Jim Foust, the White Room shower. supervisor, he is immediately warned by Foust to clean his Semi-Clean Room.

cap not unlike a surgeon's gown erances. is made in an air lock chamber.

Semi-Clean Room

atory has its White Room which fetched because here are as- ancing machine capable of locat- from the room. 99.97 per cent dust free, as can brains of all ICBM and IRBM used to make the final optical hardware. personnel who work in the White missiles as well as space plat- alignment on the Sidewinder 1C gyro.

As one enters the first room, through another hermetically need for the technicians' physical from "Eddie" Allen to Eugene called the Gray Room, of the sealed door into an inner air lock contact in alignment of delicate "Jim" Foust and his assistants chanical engineer, Allen heads complex which contains the desk where he again takes another air mirror surfaces. at notherlants

Warning Light

chanical "brusher" before pro- flashes off on the last hermetic- ond. So accurate is the filtering field who will find a faster and gressing through the next her- ally sealed door, the visitor is system which has been approved better way to solve tomorrow's metically sealed door into the ready to enter the sancutary of by the Atomic Energy Commis- problems of gyros. the Super Clean Room.

consecutive doors which open Clean Room, the visitor removes ment as a surface plate, accurate paper towels and clothing which into the complex he feels that his street shoes and puts on a within 50 millionths of an inch, might ruin spin bearings or conpair of shoes kept in this area. to measure and calibrate instru- taminate delicate optics are He also dons a white coat and ments requiring ultraclose tol- never present.

he is stepping into the TV oper- visitor observes a bewildering the aid of a microscope. So min- a high degree of dimensional staating rooms of Dr. Kildare or array of instruments. These in- ute is 0.3 of a micron that the bility, free from contamination the famous neurosurgeon, Dr. clude a variety of optical instru- period at the end of this sentence and corrosion. ments, a 100-magnification opti- is 1600 times larger in size The comparison is not too far cal comparator, a dynamic bal- than a particle of dust filtered

cannot boast that its rooms are other missiles. Gyros are the an electro - mechanical device tions, gimbals, gyros and optical is 99.44 per cent pure.

Extensive Use

Room, the visitor is whisked tical instrumentation to avoid the locked and equally important

The technicians work under tin and Irene Weakley. sterile shielded benches. If they These persons are partners of should sneeze, the moisture today in their special knowledge which has cognizance over the street shoes in an electro-me- When the red warning light would be whisked away in a sec- and experience in a specialized sion that flecks of dry skin, lint Before entering the Semi- This room houses such equip- from Kleenex, scalp dandruff,

> The temperature of the Super which are lint free. This change Here as in the other two Clean Room is maintained at 69 rooms the air is filtered to re- to 71 degrees Fahrenheit and a move particles of dust of 0.3 maximum humidity of 45 per micron in size which are so small cent. Thus, all equipment and as-In the Semi-Clean Room, the that they cannot be seen without sembly parts are maintained at

99.97 Pure Air

The Super Clean Room boasts sembled gyros - the brains of ing mass centers within two mil- In this room of surgical clean- of a 99.97 per cent purity which most guided missiles, including lionths of an inch, a paint spray liness is assembled the Side- surpasses a nationally advertised However, the White House NOTS' famous Sidewinder, and booth with a hooded exhaust, and winder 1C infrared seeker sec- household product that claims it

As in the honeycomb where each cell forms part of the next, each employee of the White After a tour of the Semi-Clean Extensive use is made of op- Room feel their work is inter-Robert Burkhalter, Charles Mar-



ACCURACY — Charles Martin applies his knowledge acquired at the Missouri School of Mines to making a precision calibration on a gyro with the aid of Irene Weakley. Martin came to NOTS in June of this year after receiving his Masters Degree in Mechanical Engineering. He is proud to be associated with the Station's civilian - military team as are his fellow graduates of the Missouri School of Mines who have the largest alumni association on the Station. The freedom to conceive and carry out developments of new items is what attracted Martin to NOTS.



SUPER CLEAN ROOM - Irene Weakley is shown involved in the painstaking work of checking a reticle alignment with a microscope so it coincides with the optical axis on a component of a gyro. Her work requires the precision of a surgeon's hands with tiny controlled motions measured in millimeters in the use of tweezers and spe-

cial forceps of many shapes in the subassembly of gyros. She works under a special shielded work bench where the air which is 99.97 per cent pure is refiltered again. In this room is carried on the most delicate process in the assembly of gyros. All it lacks in resembling a surgery is the heavy smell of iodoform and pre-surgical scrubbing.