

Season's Third Concert Slated Here Tuesday

SHOWBOAT

FRIDAY JANUARY 14
"BEACH BALL" (83 Min.)
Ed Byrnes, The Supremes, Chris Noel
7 p.m.

(Musical Comedy in Color) College music group tries to borrow money from the college to further their musical career but the pretty Credit Union head finds out they are using skulduggery to get the money. Modern, luring boys and girls! (Adults and Mature Youth).

SHORT: "Rodeo-feller Award Presentations" (10 Min.)
"Straight Shooters" (7 Min.)
"Mr. Chat" (19 Min.)

SATURDAY JANUARY 15
—MATINEE—
"MY SIX LOVES" (101 Min.)
Debbie Reynolds
1 p.m.

SHORT: "Fido Betta Kapper" (7 Min.)
"Gunfighters No. 7" (16 Min.)

—EVENING—
"OLD YELLER" (84 Min.)
Dorothy McGuire, Fess Parker, Chuck Connors
7 p.m.

(Drama in Color) Walt Disney tells the tale of a young son who must become a man overnight as his father leaves on a cattle drive. He and his dog pal work the ranch and fight the country's hazards like they're both eight feet tall. (Adults, Youth and Children).

SHORT: "Country Coyote Goes to Hollywood" (37 Min.)

SUNDAY-MONDAY JANUARY 16-17
"AGENT 834" (98 Min.)
Dirk Bogarde, Silva Koscina
7 p.m.

(Comedy in Color) He didn't even know he was a spy until the Czech, secret police closed in on him! On-the-dole writer finally has to take a job, but doesn't know he's acting as a courier. It's a real spoof on the spy dramas...007 was never like this! (Adults and Mature Youth).

SHORT: "Brave Little Tailor" (7 Min.)

TUESDAY JANUARY 18
LEON BIBB CONCERT
8:15 p.m.

WED.-THURS.-FRI. JANUARY 19-20-21
"CLEOPATRA" (192 Min.)
Elizabeth Taylor, Richard Burton, Rex Harrison
7 p.m.

(Spectacle in Color) Caesar's famed conquests lead to Cleopatra becoming Queen of Egypt and his fateful death make up the first part of this gigantic screen spectacular. Then the story concentrates on the immortal twosome of Marc Anthony and the wily Queen. Lush settings, tremendous battles make this a "Don't Miss" film! (Adults and Mature Youth).

STATION LIBRARY LISTS NEW BOOKS

A complete list of new books is available in the library.

Fiction
Holt—Legend of the Seventh Virgin.
Matthiessen—At Play in the Fields of the Lord.
Mydans—Thomas...the Life Passion, and Miracles of Becket.
O'Rourke—The Duchess Says No.
Stone—Those Who Love.

Non-Fiction
Du Plessis—Fiberglass Boats.
Levant—Memoirs of an Amnesiac.
Osborn—How To Become More Creative.
Parke—Going Wild in the Kitchen.
Schlesinger—A Thousand Days: John F. Kennedy in the White House.
Teale—Wandering Through Winter.
Wolfe—Soviet Strategy at the Crossroads.

Every man grows old except in his imagination.

A philosopher is someone who always knows what to do until it happens to him.

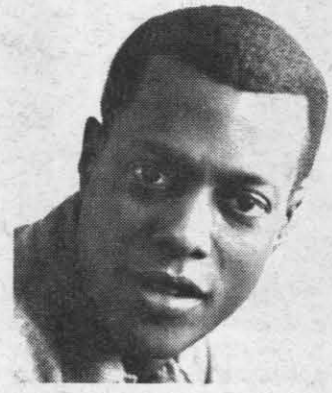
A brat is a child that acts like your own but belongs to a neighbor.

Featuring Baritone Leon Bibb, Noted Ballad and Folk Singer

Baritone Leon Bibb, one of the nation's top folk singers, will be the featured artist in the China Lake Concert Association's third presentation of the season at 8:15 p.m. on Tuesday, Jan. 18, at the Station Theatre.

Possessor of a magnificent voice, he is equally at home in folk songs, ballads, or musical comedy.

Valley residents may recognize him from his appearances on the Ed Sullivan Show and the Tonight Show. Now in his thirties, Bibb was born in Louisville, Ky., where he attended Louisville Municipal College for two years and was the featured soloist with the college glee club.



BARITONE LEON BIBB... folk and ballad singer

Following a hitch in the Army, he came to New York to study voice. During this period he appeared in the musical "Annie Get Your Gun" which starred Ethel Merman.

He next joined the touring company of "Finian's Rainbow" and sang in the chorus. The Kurt Weill - Maxwell Anderson production "Lost in the Stars" found Bibb in the chorus and understudy for the leading role.

Some years later when directors Jose Quintero was doing the production again, he remembered Leon Bibb and signed him to play the lead.

Not confining his experience exclusively to musicals, he appeared in a straight acting role in "Flight into Egypt." He also played two seasons at New York's Phoenix Theatre, having the featured role in "Sandhog" and that of Jim in "Liv'n the Life," a musical version of Huckleberry Finn.

Accompanied by a guitarist, Bibb announces his own program from the stage, so Indian Wells Valley residents will have no program notes to consult for what comes next.

Bibb also was featured in the musical tribute to the lyricist, Oscar Hammerstein II. The New York Daily Mirror said of this performance: "In

the musical memorial to the beloved lyricist many... stars were presented... but Leon Bibb... possessing a magnificent baritone stole the show."

Although the Station Theatre is sold-out for the series, concert goers who are unable to attend a particular concert turn individual concert tickets back to the Concert Association for resale. For those who are interested in attending this Leon Bibb concert, a telephone call to the Association's treasurer's residence at 724231 may make it all possible.

Mr. and Mrs. Bagge maintain a waiting list of those desiring tickets and as they become available, the people on the list are notified. Tickets are priced at \$3, \$4 and \$5 depending upon the Theatre section.

He has appeared at Town Hall in New York City, and such concert series as those of the University of Vermont, the University of Minnesota, the University of Texas, and Washington and Lee University.

His recordings include those on Liberty, Columbia and Vanguard labels.

New Reading Methods To Be Illustrated At China Lake PTA Meet

On Thursday, Jan. 20, at 7:30 p.m. in the Murray Cafeteria, the China Lake Elementary PTA will present a demonstration of the ITA reading program. This is a continuing effort to keep parents up to date on the newest in curriculum techniques.

Mrs. Russel Palmer and Mrs. Robert Faulk, first grade teachers from Desert Park, using a film strip supplied by ITA (Initial Reading Alphabet), will demonstrate this new concept in learning.

A question and answer period will follow during which parents are encouraged to ask for explanations of any points that are not clear.

A social hour will follow the discussion period.

From _____ PLACE STAMP HERE
TO _____

Warhead Center Work Begins



Vol. XXI, No. 2 Naval Ordnance Test Station, China Lake, California Fri., Jan. 14, 1966



LAB CONSTRUCTION BEGINS — Clarence Weinland, Code 45's Explosives and Pyrotechnic Div. consultant, gives contractors helping hand on site of new Warhead R & D Lab. Giving moral support in groundbreaking ceremony are (l-r) John Pearson, head of Code 45's Detonation Physics Group; Dr. G. W. Leonard, head of Propulsion Development Dept.; Robert Sewell, consultant of Code 40's Air-to-Surface Weapons Div.; Paul Cordle, head of 45's Warhead Div.; Bob Clark, head of its Explosive Ordnance Eval. Br.; and Richard Birge, head of its Warhead Development Br. Lab and firing facility/camera barricade, also in project, are due for completion late June, 1966.

Lab, Firing Facility Will Aid NOTS R & D

Nearly \$330,000 of new construction for warhead development facilities was officially begun in groundbreaking ceremonies held at the junction of Pole Line Road (N. Knox extension) and the NAF Access Road, in Area R, on Friday, Jan. 7.

The groundbreaking brought together members of Propulsion Development Department and Research Department's Detonation Physics Group, whose members involved in warhead development will occupy and use the new facilities.

The two new structures, jointly costing \$327,575, are to be a warhead research and development laboratory building of 9,996 square feet, located at last Friday's groundbreaking site, and a charge firing chamber and camera barricade facility of 2,690 square feet, both now in the surveying stage of construction by Global Construction Company.

Previously, warhead researchers and developers operated in widely separated, crowded and, in one case, sub-standard facilities, according to a December, 1963, Station proposal for the new facilities. The new building will release 800 square feet in Michelson Lab for reassignment, and clear many a presently crowded desk top.

Codes 45 and 50 are to share the new lab. People from Propulsion chamber and camera barricade facility of 2,690 square feet, (Continued on Page 4)



TO APPEAR ON TV—Cdr. James P. Crowder, Jr., and Willis R. Forman prepare for TV appearance on "Survey '66."

NOTS To Be Shown On NBC-TV's Survey '66

"Footprints in the Sea," a documentary film featuring Moray, Deep Jeep and Curv, deep-sea research vehicles designed and developed by NOTS to explore the world of liquid space will be shown on the "Survey '66" KNBC television program tomorrow evening, Saturday, Jan. 15, at 7 p.m. on Channel 4 in color.

Appearing as featured guests on the program will be Cdr. James P. Crowder, Jr., Submersible Vehicle Test Officer, Weapons Development Department and operator of Moray, Deep Jeep; and Willis R. Forman, Program Manager and designer-operator of Deep Jeep, Engineering Department.

During a studio interview with announcer Bob Wright, they will discuss the intriguing operation of a submersible diving operation conducted off San Clemente Island during December 1964.

Four submersibles are described and shown in operation. These include the manned French diving saucer, Soucoupe; two manned submersibles developed by NOTS, Moray, Deep Jeep; and an unmanned research and recovery vehicle, Curv, developed by NOTS-Pasadena.

This film report was produced by the Pasadena Film Branch of the Presentations Division, Technical Information Department. Much of the action occurs underwater at (Continued on Page 4)



FAYS AT ACEY DUCEY TONIGHT—Billy Dark, tops in Western Swing, brings his five-piece Knight Riders band to the Acey Ducey Club tonight and tomorrow night for dancing from 9 p.m. 'til 1:30 a.m. Dark is famous for his recordings of "Lonesome, Since She Said Goodbye" and "The Lobo of the Border."

CROSSWORD PUZZLE

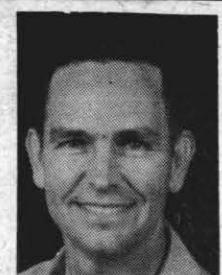
Crossword puzzle grid with clues for Across and Down. Includes a small crossword puzzle solution and a reference to 'United Feature Syndicate, Inc.'

For Use In Authorized Service Newspapers Only.

CHAPLAIN'S MESSAGE

Things to Consider In World Affairs

By CHAPLAIN MARK E. FITE



What's in store for us this year? Southeast Asia . . . inflation . . . Civil Rights . . . human rights . . . politics . . . price increases . . . foreign aid . . . truce . . . war . . . demonstrations . . . and on we can go. These are a few of the concerns talked about by people of our country.

With what were we concerned at the beginning of 1965? Did we do anything to help settle some of the concerns or have they grown with time?

Well, these are sobering questions and we'd not turn a deaf ear to their clamor for attention. But let's be careful about the path we choose. We hear a lot about "religious fanatics" but the definition for this can be the same for any fanatic in any endeavor; that is, one who has lost his way and doubled his efforts.

Our efforts mean fanatical activity if we lose our way. This must not even begin to happen.

If last year's history (and the years before) can teach us anything, it should stabilize us on our course. There will be joys as well as sorrows ahead. But we have a basis for confidence and enthusiasm even in the throes of sorrow or grave decisions that must be made.

I believe this will help us steer a more steady course as we proceed throughout the year. You may want to consider it, too. "The steadfast love of the Lord never ceases, His mercies never come to an end; they are new every morning; great is Thy (God's) faithfulness." Lamentations 3:22, 23.



THREE DOWN—ONE TO GO! Rocketeer is one of eight winners in its category of Navy newspapers for third quarter of 1965, CHINFO has announced. Merit Award is third of year for NOTS. Judging panel reviewed whole public affairs program of each activity, as well as paper's coverage, balance, makeup and photo use. Rocketeer is printed on offset press of Hubbard Printing, Inc., Ridgecrest.

The Rocketeer

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

Capt. John I. Hardy, USN Station Commander

"J." Bibby Public Information Officer

Frederick L. Richards Editor

Staff Writers Budd Gert John R. McCabe

Staff Photographers Jerry Williams, PH1; Robert Hancock, PH2; Dennis Smith, PH3; Jerry Willey, PHAN; and Ralph Robey, PH2 (Pasadena).

DEADLINES: News Stories—Tuesday, 4:30 p.m. Photographs—Tuesday, 11:30 a.m. The Rocketeer receives Armed Forces Press Service material. All are official U.S. Navy photos unless otherwise identified. Printed weekly with appropriated funds in compliance with NavExcs P-35, revised July 1958. Office at 50 King St., Bldg. 00929. Phones—71354, 71655, 72082.

DIVINE SERVICES

Christian Science (Chapel Annex)—Morning Service—11 a.m. Sunday School—9:30 a.m. Protestant—(All Faith Chapel)—Morning Worship—8:30 and 11 a.m. Sunday School—9:30 a.m., Chapel Annexes 1, 2, 3, 4 (Dorms 5, 6, 7, 8) located opposite Station Restaurant. Roman Catholic (All Faith Chapel)—Holy Mass—7, 9:30 a.m., and 12:30 p.m. Sunday, 6 a.m., Monday through Friday; 8:30 a.m., Saturday. Confessions—8 to 8:25 a.m., 6 to 8:30 p.m., Saturday; Thursday before First Friday, 4 to 5:30 p.m. NOTS Jewish Services (East Wing All Faith Chapel)—8 p.m. every first and third Friday. Sabbath School—10 a.m. to noon, every first and third Saturday. Unitarian Fellowship (Chapel Annex No. 95, 85 King Ave.). Fellowship Meeting—Sundays, 7:30 p.m. Sunday School—10:45-11:45 a.m. (Chapel Annexes Nos. 1 and 2.)

MEET Your Councilman

This is the fifth in a series offered by the Rocketeer to better acquaint residents with Community Council precinct representatives.

The Community Council lost one of its new members this week when LCdr. David C. Jordan, Operations Administration Officer and project pilot at NAF, left China Lake after a tour of 20 months for new duties with VF 121, Miramar.

LCdr. Jordan came to NOTS in April, 1964, as a Lieutenant with his wife, Margit and their son Jeffrey, then 2½ years. He joined the council just late last August for Precinct 4, filling the place of Lt. Doug Mayfield. Almost a month



LCdr. DAVID JORDAN

later, on September 1, he was promoted to his present rank, and in another two months was elected to his first full term of one year on the Council. So far during the brief period of work with the Council, LCdr. Jordan has served on the Services and Recreation Committees.

He departed from China Lake Tuesday, Jan. 11, with a larger family than he brought here — now including his 20-month old son Scott, born just after his arrival. The Jordans have been making their home at 56-A Burroughs.

LCdr. Jordan, a native of Needham, Massachusetts, entered the Navy in September, 1956, after being commissioned an ensign upon his graduation from the Massachusetts Maritime Academy the month before. He took his flight training at Pensacola, and in 1963 attended the Monterey Post-graduate School for one year. Before Monterey, he served with Light Jet Attack Squadron 16 at Lemoore.

As he takes up his new duties in training with VF 121 at Miramar, his family will live in Margit's home town of San Diego, where their son Jeffrey, now 4½ years, will be starting his first school year. After six months with VF 121, LCdr. Jordan expects assignment with USS Kitty Hawk near Vietnam.

"Hey, what do you mean swearing before my wife?" "Sorry, I didn't know she wanted to swear first."

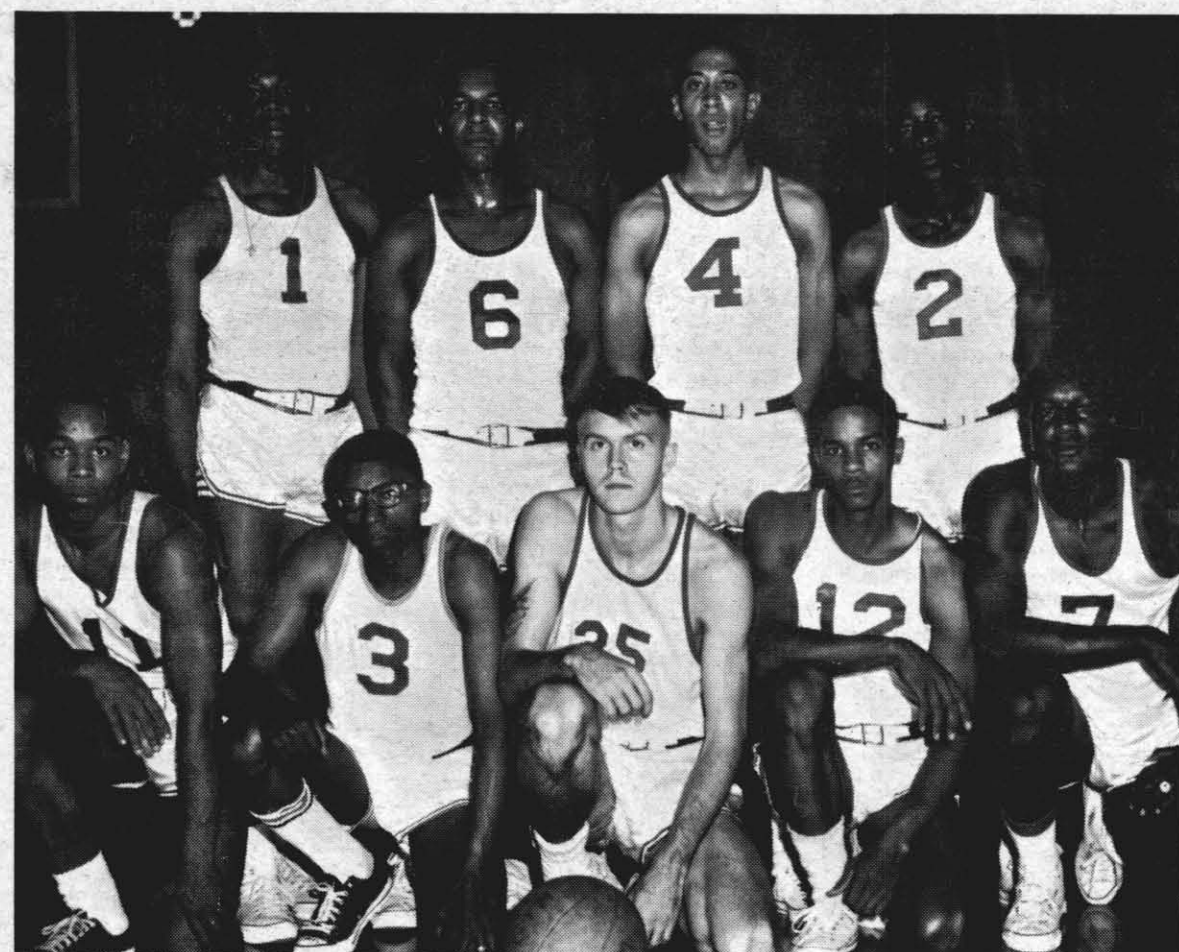


FULL COMMANDER, NOW—James P. Crowder, Jr., assistant undersea weapons officer, gets an assist from his wife, Tina, and Capt. John I. Hardy, ComNOTS, with his new shoulder boards. He reported to NOTS on May 18, 1964, from the USS Menhaden (SS-377).

PROMOTIONAL OPPORTUNITIES

Ordnance Worker (Ammunition & Explosives), \$2.91 to \$3.15 per hour, Code 2551—Assists in the preparation of high explosives and propellants for processing by unboxing, mixing, flaking, weighing, temperature conditioning and transporting. Performs duties in connection with receiving, storing, packaging, unpacking, palletizing, issuing or shipping of ammunition or its component parts. Requirements: Degree in Engineering in Electrical Engineering, AP-13, Code 4022—Investigates integrated antenna-radome design and performance problems and analyzes microwave state-of-the-art direction finding systems. Requirements: Must have a degree in Engineering, Physics or Math-Physics plus three years specialized experience in one of the above fields. Electrical Engineer, GS-13, Code 4022—Investigates integrated antenna-radome design and performance problems and analyzes microwave state-of-the-art direction finding systems. Requirements: Degree in Engineering is essential with at least 3 years specialized experience in Electrical Engineering. Applicants with a knowledge of classical electro-magnetic theory, frequency-independent antennas, and transmission line theory will be considered among those best qualified. Clerk-DMT, GS-4, Code 4022—Types technical notes, reports, correspondence, forms, etc. from either rough draft or recorded dictation. Acts as office receptionist and performs miscellaneous office-clerical duties. Requirements: Two year's clerical-typing experience, one year of which must have included transcription from dictating machines. File applications for above with Sandi Craig, Rm. 28 Personnel Bldg., Phone 72676. Aerospace Engineer, GS-11, Code 4563—Incumbent is responsible for engineering research and development, and is expected to conduct or supervise experimental and analytical studies necessary for his portion of project. He will assist the project engineer and branch head in overall direction and coordination of the project. Mechanical Engineer (Industrial Equipment), GS-12, Code 4554—Incumbent makes investigation into needs for various facilities; systems, and equipment; determines sizes of equipment and facilities; determines strengths and capacities of machinery, piping, and structures; and translates knowledge and computations into specifications and drawings for purchase of satisfactory articles and production of equipment and facilities. General or Mechanical Engineer GS-7, 9 or 11 (three vacancies), Code 4561—Incumbent will assist a Project Engineer responsible for warhead development. Duties will include design, test conducting, data collection and reduction. Requirements: Degree in engineering. Applicants for the GS-11 level should have a minimum of one year's experience in program management. File applications for above with Betty Fowler, Rm. 26, Personnel Bldg., Phone 71648. Accounts Maintenance Clerk, GS-520-5 PD 0605020, Code 1132—This position is Asst. Head of the Accounting Branch of the Housing Division. Must be familiar with the operation of typewriter, and adding machine, and a good working knowledge of the Navy Accounting system. Clerk (Typing), GS-301-5, PD 317009AmI, Code 177—Incumbent will provide secretarial assistance to the Head of the Division. Must know letter formats, Navy filing system. A background in bookkeeping is desirable. Clerk (Typing), GS-301-5, PD 29005-SD, Code 751—All publishing jobs to be performed by the Division are received by the incumbent who determines if they are in a complete and acceptable form. She then schedules the job through the various publication operations. This involves determining which Branches will be needed to process the work, what materials will be needed, and special handling required. Print shop or publishing expertise helpful. File for above with Sherry Scheer, Personnel Bldg., Rm. 26, Phone 71577. Machine Operator, Code 5545—Operates power cutoff saws. Makes adjustments of machine, changes and positions tools, and aligns workpieces in machines; but does not make complex work layouts or difficult machine setups. File for above with Loretta Dudley, Personnel Bldg., Rm. 34, Phone 71471. Deadline for Filing: Jan. 21. OVERSEAS VACANCIES Information on Overseas Vacancies is available at the Reception desk in the Personnel Bldg. based targets from airborne platforms. Requirements: Must have a degree in Engineering, Physics of Math-Physics plus three years specialized experience in one of the above fields. Electrical Engineer, GS-13, Code 4022—Investigates integrated antenna-radome design and performance problems and analyzes microwave state-of-the-art direction finding systems. Requirements: Degree in Engineering is essential with at least 3 years specialized experience in Electrical Engineering. 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NOTS All-Stars Play at Edwards Tonight Navymen Seek to Clip Air Force's 'Wings'



NAF CAGERS—Members of NAF's basketball squad (kneeling, l-r) are forwards Mike Barnes, George Johnson, Darrell Johnson; centers Bill McCullough, Willie Westley.

Standing (l-r) are forward Lee Stuart, guards Ed Bradley, Howard Kelley, and Don Lee. NAF is tied for first place in the Intramural League with Aero Science.

Coach Dr. Jim Martin takes a 12-man Station all-star basketball squad to Edwards tonight for an inter-service fray at 7 p.m. with the Air Force's "Wings" cagers. The NOTS-men will be out to avenge the 78-71 defeat meted out to them by the "boys in blue" here last year.

Veterans of that fray, who will be in the starting lineup tonight are NOTS' Frank Bonislawski, 6-foot-3, at forward, NAF's Howard Kelly and Ed Bradley, both 5-foot-10, at guards.

NAF's Mike Barnes at forward and Willie Westley at Center will round out the starting lineup. Both are new comers in Intramural League play this year.

Reserve Strength

Coach Martin has plenty of reserve strength in addition to the starting quintet. Others who are sure to see action tonight are:

Darrell Johnson, 6-foot-3, a high scorer for NAF last year, who is equally at home at center or forward.

Forward Lt. Gene Wangle, 6-foot-1, a veteran of '65 play, and a former Glendale High School star.

Center Bill McCullough, 6-foot-1, a '65 veteran, who is a good tipoff man garners his share of rebounds.

Forward Lt. Al Patterson, a mainstay on NOTS' '65 team, a shifty player, who is hard to defend.

Guard Dick Aldaz, a 6-footer, who hails from Anthony, N.M., is a veteran of high school and service play. He was VX-5's top ball hawk and defensive man last year.

Guards Lt. Bob Jingell and John Gist, both of NOTS, round out the squad. Both men are beginning their first season of local play.

Team manager Jack Shackelford avowed that the NOTS' squad lacks height as squads go today.

"But our men break fast, feed the ball well, and several are artists from midcourt and on layup shots," he noted with confidence.

Harlem Clowns Play Mon. Eve.

Those crazy casaba comics, the famed and frolicking Harlem Clowns are comin' to town. They'll be here for fun and frolic on Monday, Jan. 17th, when they'll play in the Burroughs High School Gym against the Faculty All-Stars.

Advance tickets are available from any Key Club member or at the door on game night. Admission is \$1.50 for adults and \$1 for students and children.

It's Ladies' Night At Gym Mondays

The Station Gym is hosting lady Lakers every Monday evening from 7:30 to 9 p.m., for keeping in trim, with all facilities available, including the steam room, and exercise instruction by Mimi Chapman.

The schedule of Monday ladies nights began January 10, and feature volleyball, gymnastics, swimming, badminton, and organized exercises, according to Lt. (jg) D. W. DePierro, Special Services Officer.

Child Educ. Group To Hear Health Talk

William Leathy, coordinator of Health, Physical Education and Safety of the San Bernardino Schools will address members of the Association for Childhood Education's Cactus Branch from China Lake, Inyokern, Ridgecrest and Trona at their dinner meeting Monday, January 17, at 6:30 p.m. in the Trona School Cafeteria.

His message will be on physical fitness as it relates to the new State mandatory schools program. Tickets for the chicken dinner and musical program.

BOWLING NEWS

By Dick Stine Phone FR 5-5411

Column to be Dropped If No Interest Shown

Attention league secretaries of the China Lake Bowling Lanes. If you would like to see your league mentioned in this column, then please PLEASE fill out the form that is available at the desk at the China Lake Bowl.

To date there are only two leagues that are filling out forms. If league secretaries are not interested enough to take time to fill out the forms we assume that there is no use in continuing this column.

By the end of next week if there are only one or two leagues reporting we will drop the column.

PREMIER LEAGUE

Last Monday night Bill Ranes of the CPO Club rolled an excellent 608 series with games of 209-234-165 which gave his team high game of 1,001 and high series of 2,279.

FAMILY TWO-SOME TOURNAMENT

A family two-some tournament will be held at the China Lake Bowling Lanes on Jan. 22 and 23. Entry deadline is Jan. 15. The entry fees are: Prep and one adult, \$1.80; majors, plus one adult, \$2.45.

The next Association meeting will be held on Wednesday, Jan. 19.

Aetna Agent To Be At Community Center

Howard Keenan, representative of the Aetna Insurance Co., will be at the Community Center next Thursday and Friday, according to Austin Ross, Head of Employee-Management Relations.



NEW OFFICERS—China Lake Women's Golf Club officers (l-r) are Vera Greenfield, treasurer; Barbara Zernichow, outgoing president; Joanne Grabowsky, incoming president; and Pat Maddux, sec. Not shown, Kay Bracken, vice-pres.



WOMEN GOLF CHAMPS—Holding trophies (l-r) are Eileen Russell, club champion; Natalie Harrison, first flight winner; Jay Mueller, consolation; Phyllis Davis, second flight runner-up;

ner-up; Dot Gould, first flight runner-up. Not shown, Pauline Van Dyck, club champion runner-up, and Edna Murbach, second flight winner.

Early Spring Golfing Events Listed by Roby

Mark your calendars, says vice president and tournament chairman Earl Roby, for China Lake Golf Club events for the next few months. Here's the schedule for links competition:

January 29 — Pari-mutuel Tournament. Closing date for entries is January 26, regular monthly meeting night.

February 19 — Partner's Best Ball. Closing date for entries will be February 16.

February 22 — Flag Tournament.

March 12 — Specialists' Tournament.

April 9 — Scotch Doubles.

April 30 — Three Hits and a Miss.

NOTS Pasadena

VIRGINIA E. LIBBY — EXT. 638

Annual Credit Union Meeting

The annual meeting of the NOTS Pasadena Employees Federal Credit Union to be held next Thursday, January 20, at 12 noon in the Building 7 Large Conference Room, is announced by President Eldon Dunn.

All employees of NOTS Pasadena and Credit Union members may attend. Only Credit Union members are eligible to vote. Management has agreed to allow a one-hour lunch period on this occasion for those attending the meeting. Refreshments will be provided.

Topics of discussion are (1) declaration of the dividend rate, (2) the election of the Board of Directors and the Credit Committee members, and (3) reports on the past year's business.

Quiet Five Trips Roaringly Along

By Ray Hanson

The Quiet Five still rule the NOTS Wednesday night bowling league, but it's a long way to the roll-offs, and the NOTSings are maintaining a determined pursuit.

Going into the 16th week of play, the Five had won 40 and lost 20, while the NOTSings were only two games off, at 38 and 22. The AstroNOTS held third, with 37 and 23.

High scores for the 15th week were as follows: team series, AstroNOTS, 2938; team game Black Cats, 1036; men's series, Wally Lump, 659; women's series, Betty Silver, 658; men's game, Lloyd Hagnas, 262; and women's game, Irene White, 230.



SUPERIOR ACCOMPLISHMENT AWARD recipients Joe Berkich (l), and Ed Carpenter (r), are congratulated by Cdr. Scott Carpenter for their exceptional job performance on the recent SEALAB II experiment. Cdr. Carpenter, astronaut-aquonaut, was the chief aquanaut on the program, remaining submerged in the underwater laboratory for 30 days. Joe served as Range Engineer and Ed as Project Engineer. Also a Superior Accomplishment recipient for the project was Bill Peck, Assistant Range Engineer, not present for photo.

Coast Guard Credited With Banner Year

Last year was one of the biggest lifesaving years in Coast Guard's history. More than 15,000 persons were saved or rescued from peril. Property saved totaled nearly \$1.9 billion, more than four times Coast Guard's appropriation for the year. Contributing to the high total were the Cuban small boat exodus, Hurricane Betsy and spring floods on the Mississippi.

Ships To Host Gen'l Visiting

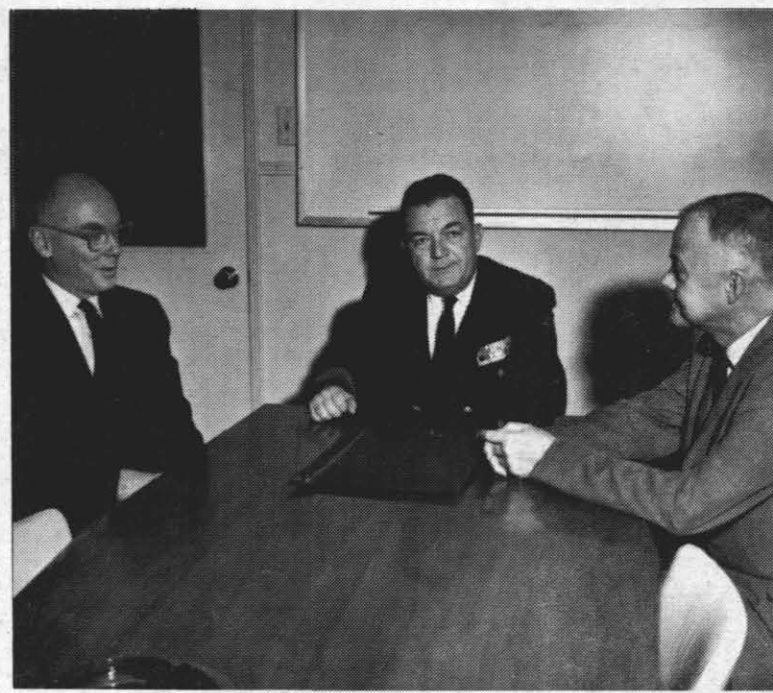
The following ships will host general visiting in the Long Beach Area during the remainder of January. Visit hours are 1-4 p.m.

- 15-16 January—USS KEARSARGE (CVS 33).
- 22-23 January—USS POINT DEFIANCE (LSD 31).
- 29-30 January—USS CIMARRON (AO 22).



GRADUATES of a five-week (ten-hour) American Red Cross First Aid Course held here (l-r) are: (front row) Curtis Daniel; Clyde H. Maret; Mrs. Leola Bartholomew, R.N., Course Instructor; Lt. H. Glen Walker; Octavia L. Whalen; Arthur V. Cunningham; Erle B. Odekirk; and Ernest Butterfield. (Back row) Harry Levenbach, Lloyd F.

Barber; Pat Ferraro, Susan H. Cameron, Mack W. Helmerick, and Director of Red Cross Safety Service J. MacAdam, who made the presentation of graduation certificates. Also completing the course but not present for the photo are John A. Cross, Julius C. Mathis, Lennell O. Myers, Lee V. Skillman, Ina L. Squire, and Paul E. Walsh.



DURING A RECENT VISIT TO NOTS PASADENA, R. M. Murray (l), Assistant Director (for International Programs) of Defense Research and Engineering in DOD, discusses current programs with Capt. G. H. Lowe, OinC, Pasadena, and A. J. Tickner, Hd. of Guidance and Control Div., UOD.



LOYD W. TURNER, DC2, USN, signs six-year reenlistment papers as Lt. (jg) C. D. Stender stands by to administer the oath. Turner reenlisted under the Selective Conversion and Retention (SCORE) Program and has received orders to report to NAVSCOLCOMD, Great Lakes, for conversion to Aviation Electronics Technician. Turner reported to NOTS, Long Beach, on July 8, 1964, and was promoted to DC2 on November 16, 1965. He and his wife, Rudella, and their four-year-old daughter, Kelley Jean, presently reside in Vista, California.

Twenty-year Milestone Is Honored

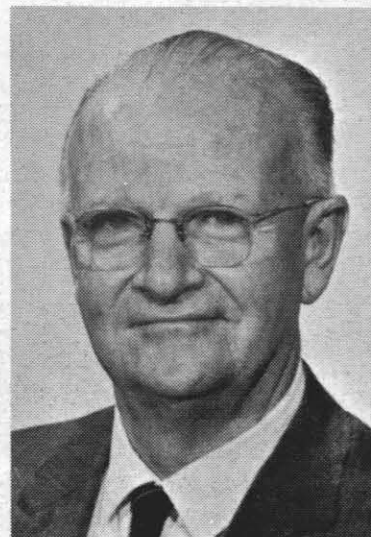
Marking the milestone of 20 years of federal service is John D. Bascom, Mechanical Engineer with the Engineering Branch of UDO's Systems Development Division.

Bascom entered federal service with the Army Engineers in Costa Rica where he was a Bridge Engineer on the Pan American Highway.

He joined CalTech in 1945 and converted to Civil Service at NOTS, two years later. He has been with the UOD organization since 1954.

Bascom is a real native—born in Pasadena and attended Pasadena High School and CalTech.

He and his wife, Margaret, presently live in Glendora.



JOHN D. BASCOM

Local Inventors Receive Patent Awards

Inventions Encompass Wide Research Range

Ten of 15 prolific research and engineering employees met to accept official recognition for tangible contributions to the Station's mission in the form of patent awards from Capt. Leon Grabowsky on Dec. 17.

Employees sharing in the \$1300 in awards and the patent award spotlight are listed as follows:

Kenneth R. Foote, Code 45, received \$250 and a patent for a pyrogen squib, a self-contained device which provides a directionally controlled flame jet for ignition of hard to ignite materials.

Gilbert Fountain, Code 55, was awarded \$250 and a patent for a rocket thrust neutralizer. It is a removable attachment for a rocket which not only renders the rocket non-explosive but also has means for protecting the carrying aircraft against the blast of the hot rocket gases.

Harold D. Nuffer and Richard C. McCarty, Code 40, received \$100 each and a patent for a method and system for obtaining data regarding the surfaces of celestial bodies. The system observes the surface of a body in space then telemeters the information to a remote receiver. McCarty has terminated.

Ernest T. Long, Code 30, was awarded \$100 and a patent for a lanyard operated latch which is released by a pull from any direction.

Daniel Meraz Jr., Code 45, received \$100 and a patent for a bi-propellant metering and injecting valve. It has a variable orifice area injector for metering and injecting oxidant and liquid fuel into a rocket combustion chamber.

Jack A. Myers, Code 40, was awarded \$100 and a patent for a folding munition which may be mass-ejected from an airborne craft and dispersed over a wide target area.

Dr. William S. McEwan and Edward W. LaRocca, Code 50, split a \$100 award and received notice of allowability on a condensable product explosive. It is an explosive composition which produces water soluble products and a sharply defined underwater detonation. La-

Rocca has terminated. **Ottow W. Schneider and Hubert M. Ross Jr., Code 45**, who were granted a patent and a \$250 award last April for a bullet for use in small arms which when fired at close range will disperse into lethal fragments, were present for the award ceremonies.

Robert G. Corzine and Joseph A. Mosko, Code 40, received a notice of allowability and \$200 for a direction finding antenna system which consists of a spiraled antenna array utilized for passive missile guidance.

Dr. William B. McLean, Code 01, was granted a patent and \$100 for a proportional navigation system for a spinning in free space.

Robert C. Meade, Code 40, was granted a patent for a piezoelectric fuze device for which he had received a notice of allowability and a \$300 award last January.

New Nurse



LT. TANYA ZATZARINY brings memories of the October, 1961, Cuba crisis, where she was serving at Guantanamo, to new duties as staff nurse, Station Hospital. A native of New Jersey, she received her RN from U. of Pennsylvania, then entered Navy in April, 1959. She served in Cuba from April, 1961, to March, 1963; then in San Diego to last December.

New Community Council Officers Elected for 1966

Officers of the Board of Directors of the China Lake Community Council were elected for the coming year Tuesday evening. Dick Frederick was re-elected president. The other officers are Bernard Connolly, vice president; Roger Crutchfield, executive secretary; Henry Blecha, recording secretary; and Berkley Brannon, treasurer.

Installation of officers will take place at a banquet to be held the evening of January 22 in the Community Center. Lt. Governor Glenn Anderson will be guest speaker.

Due to the capacity of the Community Center, reservations will be limited.

Reservations should be made as early as possible with Marion Carter, Community Relations assistant, Ext. 71659 or 71575.

Bernard Connolly, chairman of the Nominating Committee, announced a vacancy in Precinct 4. The incumbent, Lt. Dave Jordan, has been transferred to NAS, Miramar. Persons interested in filling this vacancy on the Board of Directors should contact any of the members of the Nominating Committee: Connolly, Dave Chapman, and Ed Leutschwager, prior to Jan. 25.

Philosophers To Address ASPA On 'Leviathan'

Sidney and Beatrice Rome, members of the Research Directorate at Systems Development Corporation of Santa Monica, and both Ph.D.s in philosophy from Harvard, will describe "Leviathan Studies" to China Lake Chapter members of the American Society for Public Administration at a luncheon meeting next Friday at the ED Room.

Their address will concern policy formation in such large formal groups as a military command, government bureau, university or industrial combination — as simulated on a digital computer. The Romes served on the faculty of the College of William and Mary from 1946 to 1955 before going to Systems Development, where they have worked for nine years.

Housing Eligibility Changes Listed

Families of 4 and 5 members in groups J thru K may apply for 3—bedrooms.

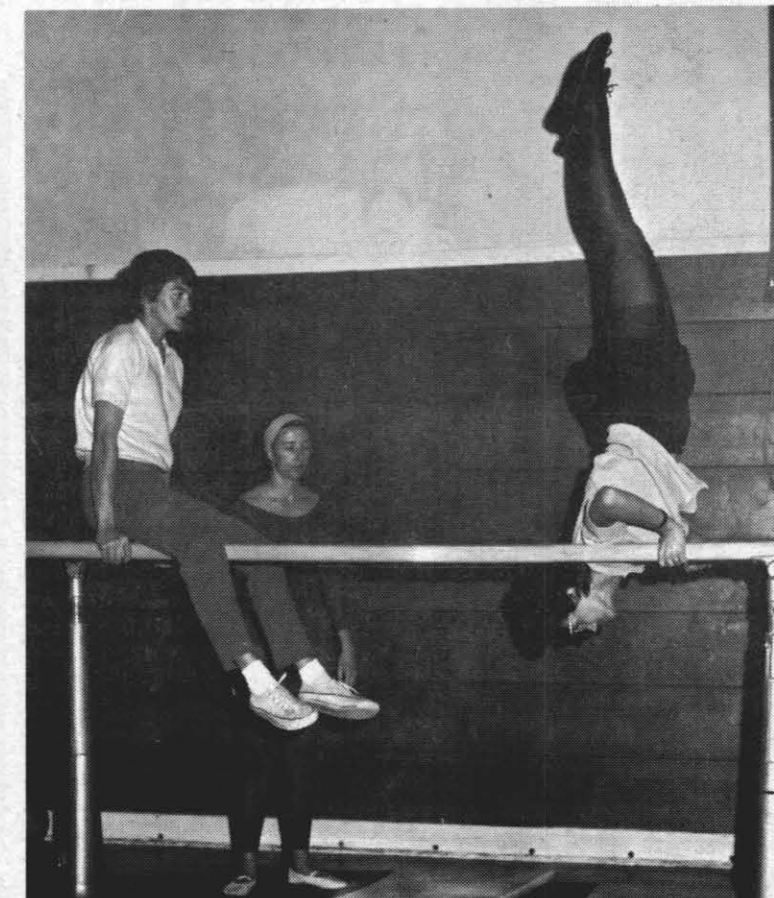
Families of 6 or more in groups H thru K may apply for 4—bedrooms.

Families of 2 and 3 in groups J thru K may apply for 2—bedroom Wherries.

Families of 2 and 3 in group I with 10 years of NOTS seniority may apply for 2—bedroom Old Duplex units. Applications received by Jan. 17 will be used to fill present vacancies.



NEW OAK LEAVES—Ronald E. Jensen, AFSC S/T Liaison Officer, gets smiling assist from his wife, JoAnn, and Capt. J. I. Hardy, ComNOTS, with his new major oak leaves. Maj. Jensen came to NOTS in August 1963 from Eglin AFB.

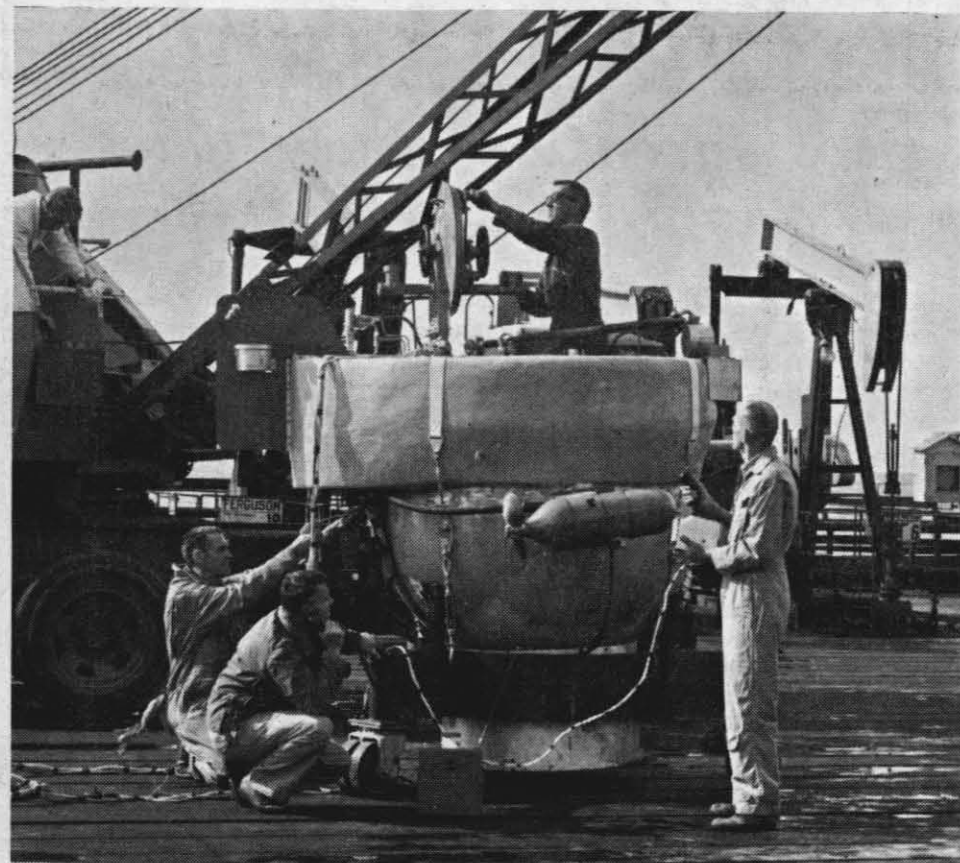


GRACE ON THE BARS—A set of parallel bars and an interest in physical trim created this study in symmetry on the first ladies' night of 1966, last Monday, Jan. 10. Taking advantage of the weekly program are (l-r) Joanne Grabowsky, Barbara Frederick and Helen Forman.

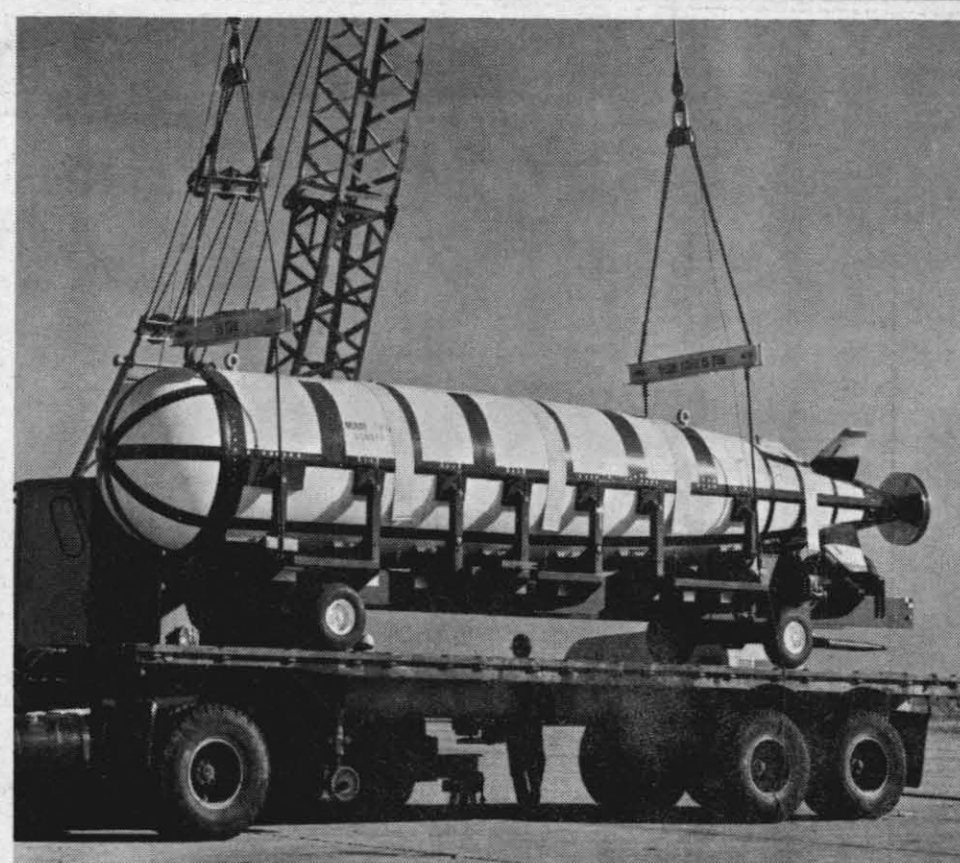


PATENT AWARDEES—Capt. Leon Grabowsky, Station Executive Officer (right), and Mary Moore Beistline, patent advisor (center), pose with 10 NOTS inventors following awards ceremony. Recipients (l-r, front row) are Ottow W. Schneider, Code 45; Dr. William S. McEwan, Code 50; Edward W. La-

Rocca, formerly of Code 50; Mrs. Beistline, Kenneth R. Foote, Code 45; Capt. Grabowsky. Back row (l-r) Hubert M. Ross Jr. and Daniel Meraz, Code 45; Jack A. Myers, Code 40; Ernest T. Long, Code 30; Robert C. Meade, Code 40; and Gilbert Fountain, Code 55.



DEEP JEEP PRE-DIVE TESTING is carried out on Rincon Pier near Santa Barbara, just prior to the deep submersible's first launching on January 21, 1964. Deep Jeep will be shown on NBC-TV Survey '66, Channel 4, Saturday.



MORAY IS LOADED AT AIRSTRIP of San Clemente Island for trip to Wilson Cove, there to be tested in first saltwater trials. Designed limits are 6,000 feet at 15 knots. Moray will debut on Survey '66 at 7:30 p.m. Saturday, Jan. 15.



MODERN WARHEAD CENTER—This R & D lab, with a firing facility/camera barricade, a mile to northwest in Area R, is to be completed by contractor and ready for use by June 22, 1966. It will bring together 40 war-

head people from Codes 45 and 50 and one from Code 40 in single, dust-free, uncrowded building at corner of Pole Line and Water Roads just east of NAF. Both facilities are in surveying stage now; are to cost \$327,575.

Lab, Firing Facility Will Aid NOTS R & D

(Continued from Page 1)

head Division's Development and Explosive Ordnance Evaluation Branches, who will join John Pearson's Detonation Physics Group from the Research Department.

Two consultants, Robert Sewell of Code 40's Air-to-Surface Weapons Division and Warhead Steering Committee chairman, and Clarence Weinland of Code 45's Explosives and Pyrotechnics Division will use the new lab.

Much of the administrative and planning work toward these new facilities has been carried on over the last five years by the Steering Committee, whose members include Dr. Marguerite M. Rogers, Air-to-Surface Weapons Division head; John Pearson; Norman Rump, head of Explosives and Pyrotechnics Division; Paul Cordle, head of Warhead Division; and James King, consultant to the Head of the Systems Development Dept. The firing chamber and

camera barricade is to be located in Area R, about a mile northwest of the new lab site and will bring tests that are to be recorded by delicate, high-speed camera equipment in out of the elements.

"We have detonation facilities now, but firing has to be done out in the open, where we have trouble with bright sunlight, wind and dust," says Clarence Weinland. "This new facility will make it much easier and quicker to get high quality results."

This building is to feature gas heating and refrigerated air conditioning, acoustical title in control and camera rooms, pneumatic camera controls and positive air pressure for dust control.

About 40 people are to move into the lab building when it is completed by June, 1966, according to Weinland. Building of the firing chamber and camera barricade facility is to be done at the same time.

TV's Survey '66 Features NOTS Saturday Evening

(Continued from Page 1)

depths to 1000 feet. Through the cooperation of Howard Talkington, Head, Advance Systems Branch, Dave Hultberg, Head of Range Operations, and the project personnel directly in charge of the submersibles a remarkable amount of motion picture footage was obtained both underwater and topside.

Film production credits go to Roy George, Head Pasadena Film Branch, as producer, March Tatom as script writer, Lee Hansen, Tom Garcia and Roy George as photographers, and editing by Film Designers.

Theatre Assoc. Announces Three Plays for 1966

Dr. Richard Ashcom, president of the Community Light Opera and Theatre Association, has announced the Association's plans for 1966. Three plays will be produced, and each will have six performances, with the first one in May.

Eduardo Romero will direct the first play, "The Man in the Dog Suit," a comedy about a gentle cashier who becomes bold and carefree whenever he puts on a Halloween dog costume.

The production for July will be "Carousel," by Rodgers and Hammerstein. In October and November, it will be the operetta "Little Mary Sunshine" by Besoyan.

Season tickets, costing \$3.75, will be on sale Jan. 17 through Feb. 18, at the Station Pharmacy and at the Gift Mart in Ridgecrest. They may also be bought from CLOTA members.

Museum Holds Display Over

A windowful of Christmas—past souvenirs, some more than two centuries old, is being held over through the month of January at the Maturango Museum because of popular demand.

The display may be viewed from 2 to 5 p.m. on Saturdays and Sundays.

Assembled by Mrs. Max Dubin, Museum Curator, from her own heritage and that of other local families rich in tangible memories of "Olden Days," a wealth of quaint toys, gifts and greeting cards, have been arranged by Mrs. Dubin around a desert Christmas tree.

Perhaps the most precious item in the collection is a well-used "Beecher doll"—one of the few still in existence out of the small number personally made by Harriet Beecher (Stowe) for sale to finance the underground movement during the Civil War.

Of similar vintage are an imposing Confederate \$100 bill, and a toy-sized black pottery tea set from New Hampshire.

New Anesthetist



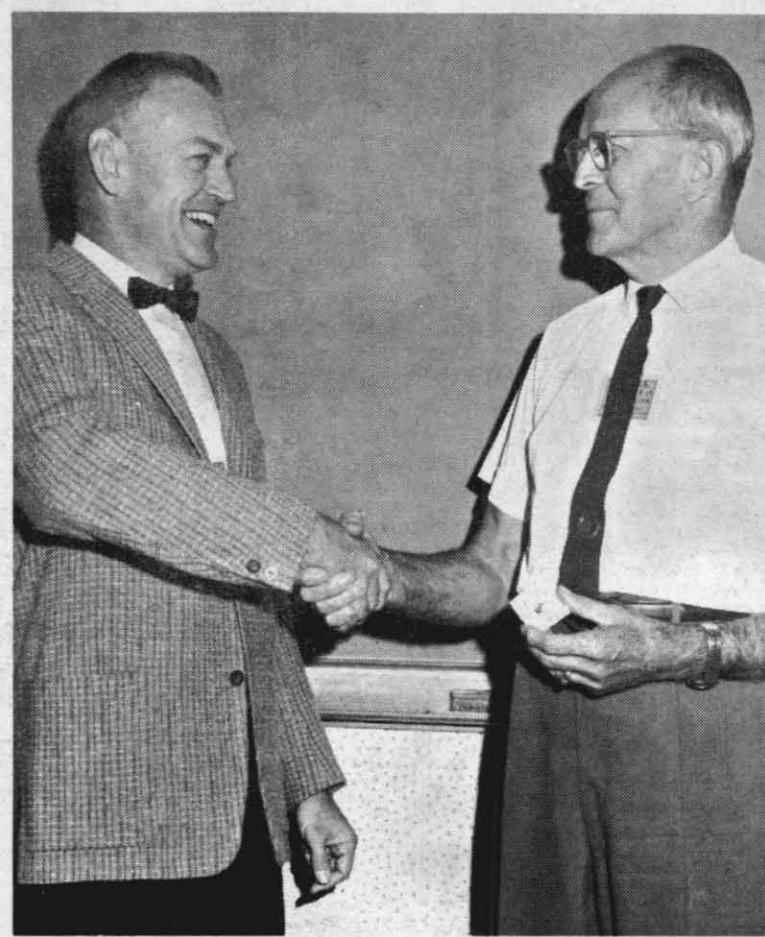
LCDR. NORMA G. DYAR comes to Station Hospital from Great Lakes and, previously, Pensacola, for duty in the operating room, delivery room and anesthesia. A native Hoosier, she graduated from Indianapolis General Hospital School of Nursing and Anesthesia School of George Washington University, Washington, D.C.; entered Navy March, 1958.

Attorney Grannis To Speak at AAUW Meeting Wednesday

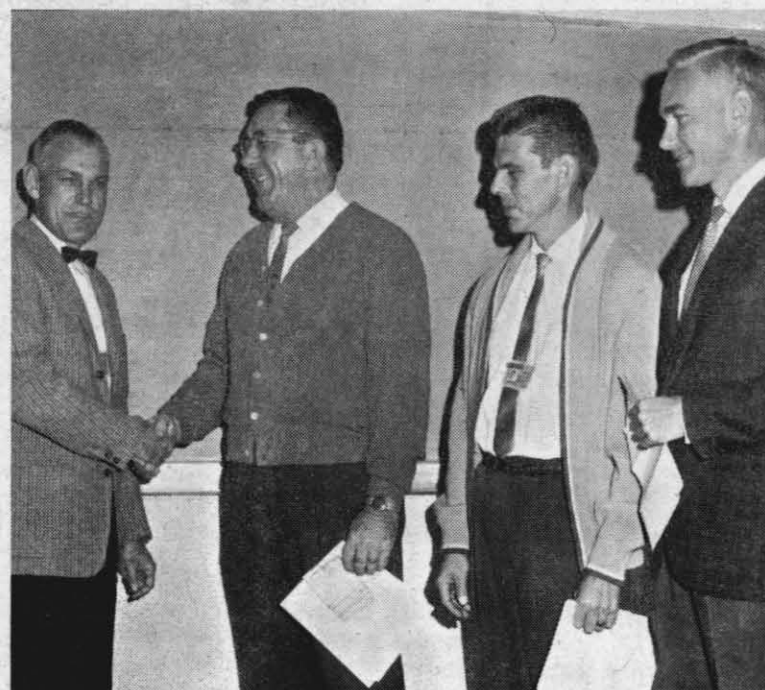
Laurence Grannis, Ridgecrest attorney, will be the featured speaker at the Law and the Citizen Study Group of the American Association of University Women at 8 p.m., Wednesday, Jan. 19, at the home of Mrs. Carl Schaniel, 604 Lexington.

Grannis will speak on Wills and Estate Planning. A graduate of Stanford University, he is a member of the State Bar Committee on Professional Ethics.

Code 40 Awards



THIRTY YEAR MAN—Code 40's Earl G. Loomis, right, receives hearty handshake on the eve of 30 years of Federal Service from Department Head Frank H. Knemeyer. Loomis began his Federal Service career with the U.S. Treasury Dept. in Los Angeles in 1935. He joined the NOTS family at Pasadena in Jan. 1952 and transferred to China Lake in Sept. 1953. He is program manager with Code 401.



WINNING TRIO—Frank H. Knemeyer, Weapons Development Dept. Head, congratulates Thomas L. Hayes, on quality step increase, Robert S. Clark, on sustained superior accomplishment, and Roger C. Wickenden, on Benny Sugg award.



SAFETY AWARDS—Code 40's Dr. Marguerite M. Rogers and Jack Russell flash smiles after receiving Safety Awards from Dept. Head Frank H. Knemeyer. Dr. Rogers' award was for two supervisory accident free years and Russell's for three supervisory accident free years.

BHS Students Set Talent Show For Vietnam Boy

A parade of 21 student acts and a Burros dixieland band are to highlight a BHS Library Club talent show with the aim of raising \$120 to help support Nguyen Hoang Viet, a young Vietnam war orphan.

The show is to open at 7:30 p.m. tonight in the Burroughs multi-use room, emceed by Miss Tantee Barnett according to Peggy Warren, Library Club President, who has offered to contribute the hula to the festivities. Some 30 students plus the band will perform.

Admission for the talent show is 75 cents, and all are invited.

UCLA Advisors At Mich Lab Wed.

UCLA advisors from the Engineering Department and Physical Sciences Extension will be available to local UCLA extension and graduate students in Room 1004, Michelson Laboratory, on Wednesday, 19 January.

Appointments may be made by contacting the UCLA Representative, extension 71759, Room 1004, Michelson Laboratory, from 8 a.m. to noon.

Rockefeller Award Film Schedule

Schedules for the showing of the 10-minute film on the Rockefeller Award Presentation to Dr. William B. McLean are listed as follows.

Today
11:30 a.m. to 12:30 p.m., Code 45's Presentations Room.
1 p.m. and 1:30 p.m., Michelson Lab, Conference Room A.
7 p.m., Station Theatre.

Sunday
2:30 and 3:30 p.m., Weapons Exhibit Center, Also the NOTS' Pasadena Documentary, "Footprints in the Sea."

BHS Presents Three One-Act Plays Wed.

"Three Faces of Drama," the first all-school production will open in the Burroughs High School multi-use room at 7:30 p.m. on Wednesday, Jan. 19, and continue on Thursday and Saturday evenings.

The presentation, which represents a slight departure from the customary three-act play, will consist of three shorter vehicles, each performed with a different cast.

The fare includes "The Importance of Being Earnest," "The Monkey's Paw," and "Curse You, Jack Dalton."

Blue Cross Ins. Agent To Visit Station Thur.

Norman R. Smith, Blue Cross Insurance representative from Bakersfield, will be aboard the Station at the Community Center from 9 a.m. to 4 p.m. on Thursday, Jan. 20, according to Austin E. Ross, Employee Management Relations Division Head.

A man doesn't really know what tough luck is until he buys a suit with two pairs of pants—then burns a hole in the coat.



POINTING THE WAY—New sign, complete with landscaping, points the way to full calendar of events at Maturango Museum for 1966. Potential patron approaches (r) west on Halsey Ave.; entrance to Museum and Weapon Exhibit Center is just behind camera.

Museum Meeting Features Death Valley Naturalist

Dwight Warren, a naturalist from Death Valley, will talk to members of the Maturango Museum Tuesday evening, January 25, about the operation of the government-endowed Death Valley Museum, at the Maturango's annual meeting banquet.

Filling of three vacancies on the board and choice of the 1966 nominating committee are to be major items on the agenda of the combination meeting-banquet for the local museum, set to begin at 7 p.m. at the Hideaway in Ridgecrest.

All members in good standing of the Museum are invited to vote for nominating committee members and to fill the seats left by the expiration of the terms of Mrs. Wallace Hirsch, Kenneth D. Miller and George Silberberg.

Candidates for the three slots are James W. Baird, Dr. Jean Bennett, Leonard deGeus, Royal Gould, Cdr. Paul Jorgensen and Ken Miller, running for reelection. Members will vote for these and any other nominations from the floor, by written ballot. In a closed meeting to follow, the renewed board is to elect its officer for the new year.

The Museum's annual meeting is also to feature presentation of awards to its leading contributors of the past year, to be chosen by a committee consisting of Mrs. Hirsch, Ken Miller and Director K. H. Robinson.

Deadline for making dinner

reservation has been set at Saturday, January 22, and those who wish to become members for the first time by that date may attend and cast their votes, according to Robinson.

He said family memberships of \$10, active (individual) memberships of \$5 and \$1 student memberships may be paid by mail at P. O. Box 5514, China Lake, or in person at the Museum during the open hours of 2 to 5 p.m. Saturdays and Sundays, or Monday and Thursday mornings when secretary Mrs. Cliff Reinholdt is on duty.

ZIP! ZIP! ZIP! Code Changes

All residents of Ridgecrest and China Lake will have the same ZIP Code — 93555 — starting tomorrow, January 15, according to notices mailed out by the Post Office this week.

Ridgecrest Postmaster Jerome B. McKernan explained in the notice that the change is to simplify the routing of mail from other parts of the country.



NEW NAF CHAPLAIN'S OFFICE—Chaplain R. W. Odell, Chaplain's Aide James Martin, and Olga Swift inspect sign for new office in NAF's Air Terminal. Office annex was established to better serve NAF and VX-5 personnel. Office hours are from 7:30 a.m. to 4:30 p.m., including the lunch hour, Monday through Friday. Phone is Ext. 8233.