



'Dog Suit' To Be Presented During May 5-14

Jim Howton promises to be heard in the last row when he talks from the depths of a dog suit for the next production of the Community Theatre and Light Opera Association.

Romero Directs

Set for May 5, 6 and 7 and 12, 13 and 14 at Murray School, 'The Man in the Dog Suit' is being directed by Eduardo Romero.

Howton will play Oliver Walling who attends a 'veddy social' country club's masquerade in a dog suit, sent by mistake, and finds it a symbol of the aggressive man he would like to be.

Playing opposite Howton will be Teresa Linstead, as the daughter of a staid proper family. Jackie Renne is cast as her mother, matriarch of the clan.

Charles Wilcox plays one of the sons, a real estate operator, with Tina Wilkie as his wife who seeks solace in the bottle.

Others in the cast are Tom Stogsdill, banker son-in-law, who still resents having to give up a dentistry career at the behest of his wife's mother.

Cast as the stuffed-shirt bachelor son of the clan is Bob Miller, with Paul Nelson, Burroughs High School senior, seen as Anthony Roberti, and George Koerschner as the neighbor who firmly believes that he can levitate, given the proper preparation.

Tickets for CLOTA's current production, 'The Man in the Dog Suit,' are on sale at the Station Pharmacy and at The Gift Mart in Ridgcrest.

PAUL NELSON, who plays Anthony Roberti (center), a distant cousin of the Stoddard clan, in 'The Man in the Dog Suit,' seems to have second thoughts about joining the stuffy matriarchy.

Eduardo Romero directing. Tickets are available at the Station Pharmacy and The Gift Mart, as well as from members of the cast.

Pat Schwarzbach Chosen Director For 'Carousel'

'Carousel,' the Community Light Opera group's July production, is to be directed by Pat Schwarzbach, according to a recent announcement by George Coulter, president of the board of directors.

Mrs. Schwarzbach, who has won several awards for her work as a director and performer, will have the help of Hans Lindblom as assistant director. Vernon Green is to be technical director, with Wayne Carpenter and Joan Leipnik serving as vocal music advisor

and choreographer respectively.

Auditions for 'Carousel' are scheduled for late May, following presentation of 'Dog Suit,' set for May 5, 6, 7 and 12, 13 and 14, at Murray School.

Mrs. Schwarzbach is a graduate of the University of Utah where she majored in drama education. While there she worked with the school's musical assemblies as composer, performer and director at various times. She also had a part in presenting the summer stadium productions in Salt Lake

City, one of which was 'Kiss Me Kate.'

A former member of little theater groups in St. Louis and Springfield, Mass., she is currently president of the China Lake Players, and has been a resident of this area for five years. She was named best director and best all-round performer at last spring's Kern County Drama Festival.

Tickets for CLOTA's current production, 'The Man in the Dog Suit,' are on sale at the Station Pharmacy and at The Gift Mart in Ridgcrest.

SHOWBOAT

FRIDAY APRIL 29 'ONE EYED JACKS' (141 Min.) Marlon Brando, Karl Malden 7:30 p.m.

(Super Western in Color) Marlon seeks revenge on a sheriff who betrayed him into a prison term. He joins a group planning bank robbery in the sheriff's town, but bides his time to seek brutal satisfaction. Filled with unusual story twists, this film never loses pace with fast guns, hard fists and vengeance. (Adult.)

SATURDAY MATINEE APRIL 30

'IN OLD AMARILLO' (67 Min.) Roy Rogers 1 p.m.

Shorts: 'West of Posos' (7 Min.) 'Trader Tom No. 7' (13 Min.)

EVENING 'LASSIE'S GREAT ADVENTURE' (103 Min.) Lassie, June Lockhart, Hugh Reilly 7:30 p.m.

(Drama in Color) The famous dog and his young master are accidentally transplanted into the Canadian wilds where adventure galore beset the inseparable pair. (Adults, youth and children.)

SUNDAY-MONDAY MAY 1-2 'TOM JONES' (127 Min.) Albert Finney, Susannah York 7:30 p.m.

(Comedy in Color) The lusty brawling, spicy tale of an 'adopted' son who has a way with the girls amid the 18th Century baronial estates, and how the Lothario finds his true love despite antagonism of relatives. It's a hilarious tale for only the very broad-minded adults. A funny, bawdy, romp. (Adult.)

TUESDAY-WEDNESDAY MAY 3-4

'IVANHOE' (106 Min.) Robert Taylor, Elizabeth Taylor 7:30 p.m.

(Adventure in Color) The gallant knight seeks out, and finds, King Richard, who is held for ransom. He joins the tournaments to raise the money and a band of loyal knights dedicated to rescue the king. Outstanding action and intrigue! (Adults and mature youth.)

Short: 'Big Surf' (10 Min.)

THURSDAY-FRIDAY MAY 5-6

'THE ONCER' (119 Min.) Stephen Boyd, Elke Sommer, Milton Berle, Tony Bennett 7:30 p.m.

(Drama in Color) An inside story of Hollywood follows the meteoric rise of a former striae agent who steers on anyone to get to the top. A raw, earthy look behind the scenes of studios and glamorous women. All star cast. (Adult.)

The U.S. Navy still has 81 wooden-hulled ships in commission. They are part of the Navy's mine force.

The black silk neckerchief worn about a sailor's neck commemorates the death of Lord Nelson, an early leader in the U.S. Navy.



BURRELL W. HAYS ... to study at MIT

Engineering Dept. Man Receives Sloan Fellowship

Engineering Department's Burrell W. Hays has been awarded an Alfred P. Sloan Fellowship for a year's study at the Massachusetts Institute of Technology.

He plans to complete the requirements for an M.S. degree in industrial management during his year at MIT.

Hays is the fifth NOTS employee to be honored with a Sloan Fellowship.

He has been the Shrike Program Manager for Production and Fleet Support since 1965.

Hays came to the Engineering Department in 1956 as a junior professional after receiving his B.S. degree in electrical engineering from the University of Idaho at Moscow.

Though born in Kit Carson County, Colorado, he claims Boise, Idaho, as his home town. He attended Boise Junior College before going on to the University.

Since his JP days he has served successively as a design engineer and as electronic design section head with Code 5522 and Sidewinder projection engineer with Code 55203 before being named to his present job.

He is married to the former Lesta Adsmont of Caldwell, Idaho. They have four children, Janet Lynne, 9; Beth Jeanne, 8; Sandra Kay, 3; and Eric William, 1. The family resides at 520-B Nimitz.

Hays and his family plan to leave soon after the first of June for the Cambridge area.

His major expenses during the 12-month course, June 17, 1966 to June 10, 1967, at MIT will be paid.

His year of study will consist of a program of special courses with senior members of the MIT faculty.

Wildflower Show Blooms This Saturday and Sunday

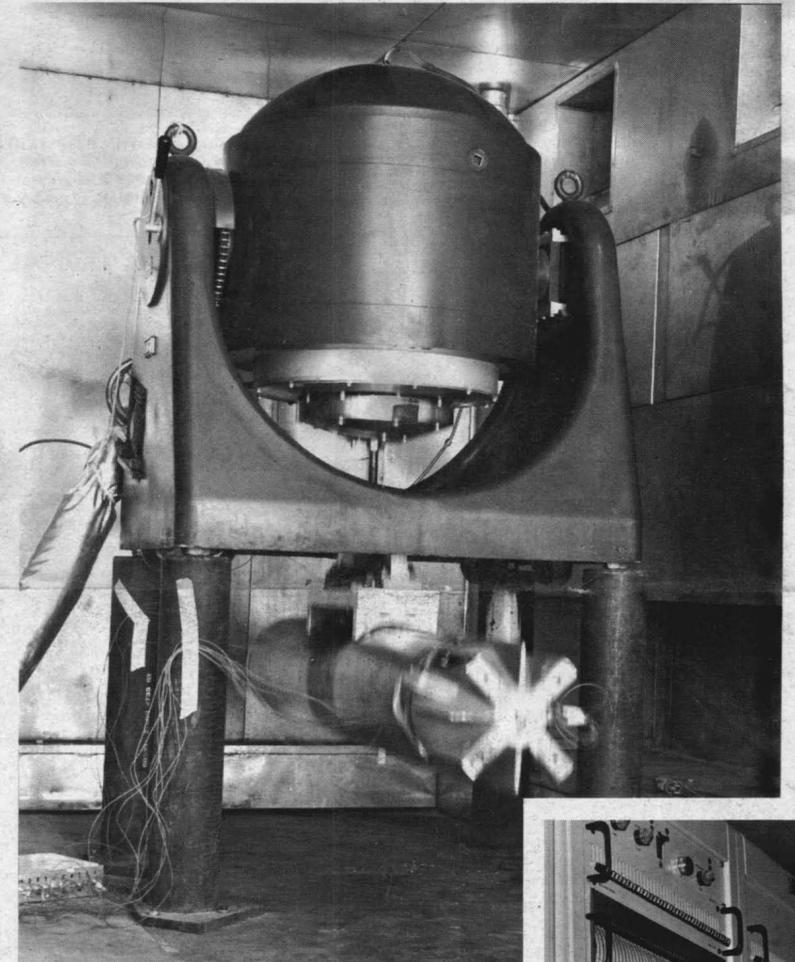
Members of the Women's Auxiliary of the Commissioned Officers Mess have already staked out the locations of brilliant desert wildflowers from which they will pick for the 21st annual Wildflower Show to be held here this weekend at the Community Center.

The doors will be open to the public for an expected panorama of orange poppies, purple larkspur, lavender lupin, violet thistle sage, vermilion mariposa, white desert candle, scarlet paintbrush, yellow cas-

New Vibrator at CLPL Puts Reality Into Tests



Vol. XXI, No. 17 Naval Ordnance Test Station, China Lake, California Fri., April 29, 1966



WEAPON GETS WORKOUT—A NOTS developed weapon, inert model, is tested under new vibrator, with its vibration responses being recorded by accelerometers, from which wires lead. Device is installed in old static firing bay near Propulsion Lab's Salt Wells area, and is capable of 15,000 force-pounds at an acceleration of one G. Control center is 600 feet away.

—Photos by Robert Hancock, PH-2

Tape Recorded 'White Noise' Is Key to Value

The capability of China Lake scientists to determine how a given weapon or component will perform under the vibrations and temperatures of actual combat use has been greatly extended by the recent installation of a 15,000 force-pound vibration facility by the Propulsion Development Department in the Pilot Plant area near Salt Wells.

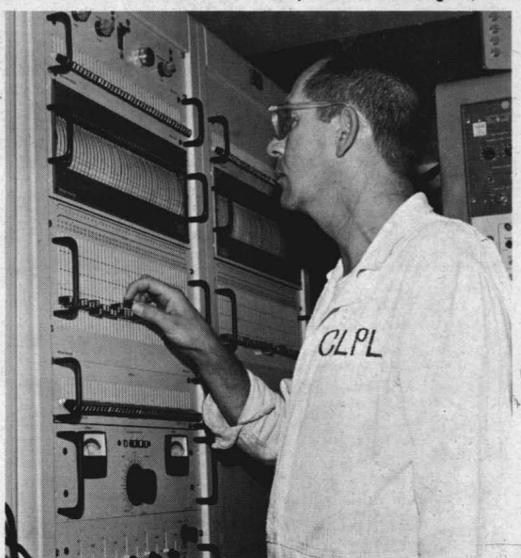
The vibrating mechanism, standing about four feet high inside a stainless steel "oven" or temperature chamber capable of a minus 100 to a plus 300-degree range, translates into motion either regular, measured sine waves, or the infinitely complex "random" waves that can accurately simulate actual recorded combat conditions.

Economy in Operation

Installation of the vibrating system was made with considerable savings by using former static firing bays — Bldg. 214 for the vibrator and Bldg. 216 for the control instrumentation. The vibrator and its associated electronic equipment resembles an ultra-high powered hi-fi set, with the vibrating machine taking the place of the loud speaker.

Instead of moving a speaker cone, the DC field in the vibrator moves a plate or "loading table." The electronics for the amplifier is isolated from the test area by a blast wall and fills a steel box about eight feet tall and ten feet wide.

(Continued on Page 3)



NOISE MAKER — Jack Tongate, Propulsion Development Dept. ordnanceman working with new vibrator, adjusts controls of "random wave" or "white noise" generator equipment at control section, 600 feet away from vibrator area. White noise is fed into the system and consists of infinitely complex patterns of the simple, regular sine wave vibration pattern. It can, for example, simulate actual data recorded on a tape machine by accelerometer devices attached to weapons mounts of an aircraft in flight. The test item is visually monitored with a closed-circuit TV system.

CROSSWORD PUZZLE

Crossword puzzle grid with clues for Across and Down. Includes a small grid for the previous puzzle's answer.

STATION LIBRARY LISTS NEW BOOKS

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

- Fiction: Lutz—The Hardy Breed. Macdonald—Black Money. Van Thal—Famous Tales of the Fantastic. Williams—Snake Water. Winsor—Wanderers Eastward, Wanderers West. Non-Fiction: Anders—The Ledo Road. Bennett—Before the Mayflower. Graham—There Goes What's Her Name. Johnson—Anyone Can Backpack in Comfort. Morehead—Best Loved Songs and Hymns. Plath—Handweaving. Troebst—The Art of Survival.

Officers Club Pool Opens Sat. May 7

The Commissioned Officers Club swimming pool will open for the spring and summer season at 10 a.m. Sat. May 7, for members, Don Puckett, club manager, announced today.

Approximately 300 landings on foreign shores have been made by Marines since the Corps was established in 1775.



AWARDS FOR PERFORMANCE—Beverly A. Johnson and Ray Sinnott of Technical Information Dept. receive Quality Salary Increases from Ken H. Robinson (left), department head. Beverly is head of TID's Administrative Staff, and Ray Sinnott is head of the Exhibit Branch.

Form for placing a stamp, with fields for 'From', 'TO', and a 'PLACE STAMP HERE' box.

# Girl Scouts In 7-County 'Cadette Opportunity' Encampment Here



**HONOR TO THE FLAG**—Cadettes parade in flag ceremony area with the flags of the World Association of Girl Scouts and Girl Guides. Each day of the encampment featured flag ceremonies and traditional scouting rituals.



**NAVY-STYLE MEAL**—The NOTS Enlisted Galley provided chow for the encampment's dinner meals, sharing the event's meals with the Station Restaurant and the girls' own ingenuity.



**GOOD EATIN' WEATHER** blesses meal in the open for Cadette Girl Scouts last weekend at NOTS. Girls made good use of hearty food in continuous activity.



**CRITICAL APPRAISAL**—Cadettes sample and approve the work of Navy cooks at one of the meals provided by NOTS Enlisted Galley during Joshua Tree Council's weekend encampment. All agreed the Navy's chow was tops.



**TRADITION OLDER THAN SCOUTING** — Arrow, perform Lighting of the Ceremonial Fire near the close of the encampment.

Girl Scouts from seven counties in southern California, representing eight districts of the Joshua Tree Council, held what turned out to be the largest scout encampment ever hosted by the Command at China Lake last weekend, April 22-24.

Under the general chairmanship of Mrs. Gilbert Blaine of Ridgecrest, and a staff of 12 senior Girl Scouts from the Indian Wells Valley, the three-day event attracted 364 Cadette Scouts and 62 Girl Scout leaders.

Working with Mrs. Blaine were three adult scouters, in-

cluding Ruth Melin, District 8 (IWV) Adviser for the Joshua Tree Council, and many local friends of the Council including Mrs. Dwight Holford, Mrs. Oscar Hape, Mrs. Claude Wook and Pam Marker.

The descriptive title of the landmark event in local scouting was "Third Annual All-Council Cadette Opportunity" outing.

The Cadette Scouts are girls of junior high school age, 12-14 years.

**Kelly Field Was Camp Site** They registered at Kelly Field at 5 p.m. Friday, then set up camp and attended the

retirement of colors ceremony at 6 p.m. in front of the NOTS Administration Building.

The group was officially welcomed the next day at 9 a.m. by Capt. John I. Hardy, Com-NOTS, at the Station Theatre, prior to an orientation program for the scouters.

The Joshua Tree Council covers 15,901 square miles of mountain, desert and San Joaquin Valley country. The counties represented by last weekend's encampment were Kern, Inyo, San Bernardino, Los Angeles, Ventura, Santa Barbara and San Luis Obispo.

With films of last year's encampment and discussion on the Senior Opportunities program ending the event's first day, the girls turned in, to rise Saturday morning at 6 for the first full day's activities.

The NOTS enlisted galley and the Station Restaurant shared meal preparation for the day's program.

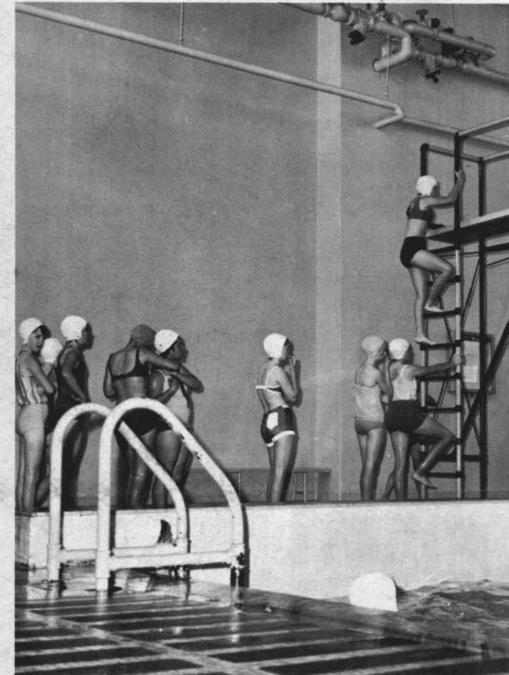
Tours took the girls through the Maturango Museum, Michelson Laboratory and the Weapons Display Center. NAF hosted the Cadettes for an informative tour, and put on a small air show.

Kelly Field and the Station Swimming Pool were open for sports during the day, and the girls scheduled demonstrations of camp skills. Scout leaders engaged in special leader workshops, and Order of the Arrow Boy Scouts presented a ceremonial fire lighting in the evening.

After church services Sunday morning at the All-Faith Chapel, the girls put on a style show at Murray School, featuring their own home creations.

The encampment came to a close Sunday at 2 p.m., following evaluation sessions.

China Lake's Troop 430 won second place in camp inspection judging conducted among the 440-some girls. In first place was Troop 512 of Boron, and Bishop's Troop 173 came in third.

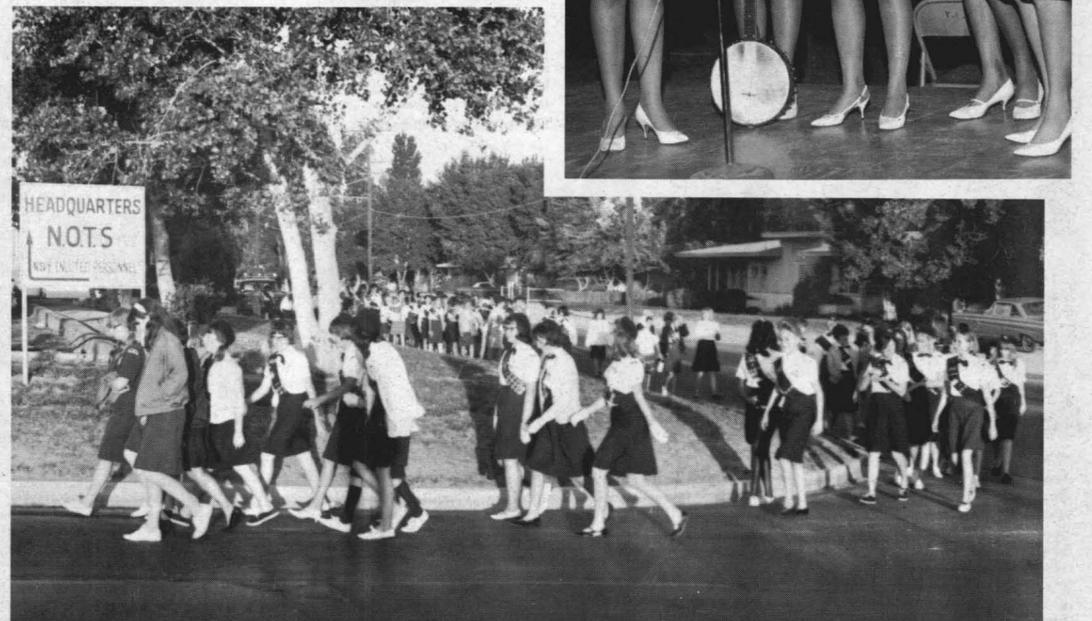


**ACTIVE RECREATION**—Station Swimming Pool and Kelly Field were open for recreational activities during Saturday of the encampment. The girls kept active at sports, demonstrations of scouting skills and other activities over the weekend. Swimming was one of the favorite sports.

PHOTOGRAPHS BY JERRY WILLEY, PHAN



**SETTING UP CAMP**—Tent-raising takes teamwork, as these Cadettes demonstrate Friday afternoon, April 22, at the start of the Joshua Tree Council encampment at NOTS. The China Lake troop's camp-making earned them second place in judging among the 440-some girls, including 364 Cadette Scouts, at the event. BELOW, BHS GIRLS SING as part of evening entertainment for the Cadettes at Kelly Field.



**TIME OF THEIR LIVES**—Cadette Scouts show the joy of activity during weekend gathering — and also the result of much detailed planning by scout leaders and community hosts, that enabled some 440 girls to get a full schedule

# Viet Nam Vet., Lt. Perry Replaces Viet Bound Lt. Lonigan

## NOTS Pasadena

VIRGINIA E. LIBBY — EXT. 638



FRAN FLETCHER, Head of Accounting Division at China Lake (r), presents Polly Richards and Barbara Pursell (l-r) with all sorts of awards. Both are Central Staff employees. Polly, Head, General Accounting Liaison for Pasadena, now wears a lapel pin denoting 20 years at NOTS (China Lake and Pasadena). She previously received a 20-year Federal Service pin. Barbara, Fiscal Accounting Clerk, was rewarded with a Quality Step Increase and Outstanding Performance Rating. She also received a Beneficial Suggestion check for, "Elimination of a Safety Hazard." Barbara has completed almost 5 years with NOTS and has a total of 8 years federal service.

### Hail And Farewell

**New Employees**  
Supply—Stanley D. Knight, Stockman.

**Public Works** — Foster S. Tinsley, Diesel Eng. Mechanic; Leslie M. Booth, Carpenter; James R. Dunphy, Machinist; Arthur J. Riley, Laborer; and Ralston A. Talbot, Electrician.  
**UOD** — Mary Jo Morrow, Clerk Typist; Richard P. Bocker, Physicist; Bruce B. Smart, Office Machine Operator, and Janet E. Saitta, Clerk Typist.

**Terminations**  
Supply — Rosemary E. Calvi, Purchasing Agent; Harold A. Byall, Contract Specialist; Richard H. Batters, Supervisory Contract Specialist, and Dora I. Rivera, Procurement Clerk.

**Public Works** — Leonard N. Cassidy, Heating Plant Operator; and Sylvester Vaughn, Maintenance Man.

### FOOD FOR ASTRONAUTS

Food for the Gemini 8 astronauts was in bite-sized and rehydratable items. Water is placed in rehydratable packages with a special gun. Bite-sized items needed no rehydration. The breakfast scheduled for the second day of the flight is a typical meal. The menu called for sausage patties, beef and gravy, strawberry cereal cubes, beef sandwiches, toasted bread cubes, peaches, grapefruit drink and orange drink.

← **GEORGE F. LINDSAY**, Electronics Engineer in P8089 (r) receives congratulations from Capt. G. H. Lowe and D. A. Kunz on his recent patent award for, "Delay Line Correlation Detector Device Having Improved Delay Line Attenuation Compensation Feature." During his seven years with NOTS, Lindsay has been the recipient of several other patent awards. He holds a B.S. degree in mathematics from Los Angeles State College.



TIME OUT was called for a photo during a new employees orientation program conducted by Pasadena Personnel Division last week. New personnel were briefed by Capt. G. H. Lowe and W. E. Hicks on work and organization of the Pasadena Laboratory. They also received information on the safety, medical, and security programs. The program included a tour of the station's laboratories and a question and answer period. Attendees are (back row, l-r) Leonard Strader, Guy Bellinger, Stanley Knight, Richard

Kolb, Robert Geller, Jerry Curlutu, Arnold Gerson, Wilhelm Bortels, Dennis Shanahan, Bruce Smart, William Harding, Michael Doshna, Eugene Niles, Carlos Bosecker, Charles Rizzo, David Tokoro, Robert Demange, and Harley Lindgren. (Front row, l-r) Dianna Garfield, Janet Spinney, Barbara Ring, Alean Anderson, Peggy Walton, Rita Williams, Carolyn Crouse, Helen Shaffer, Bertha Weiss, Lee Stack, Janet Saitta, Eleonita Roberts, Therese Marchand, Jacqueline Boyden, Linda Boatright, and Marilyn Smith.



LT. EDWARD S. PERRY



LT. THOMAS L. LONIGAN

### PROMOTIONAL OPPORTUNITIES

To apply for vacancies, contact Nancy Reardon, Pasadena Personnel Division, Extension 492. A current SF-58 must be submitted when applying.

**Supervisory Fire Fighter (General), GS-9; PD: 5P19001; Code P1904** — Duty Station: San Clemente Island. As shift supervisor, has charge of all fire department activities, both structural and crash, such as fire fighting, fire prevention, and training of personnel. Participates in planning fire protection and prevention program for San Clemente Island. Hours of work: 8 a.m. Wednesday to 8 a.m. the following Wednesday; seven days on and seven days off.

### Aetna Agent To Be At Pasadena Annex

A claim representative for the Indemnity Benefit Plan (Aetna), will be at Foothill on May 3 from 10:30-11:30 a.m.

Employees enrolled in the Indemnity Benefit Plan who wish to talk with the representative should contact Carole Ostrander, Extension 493, for an appointment.

### Public Works Has Change of Command

Exchanging tours of duty, Lt. Edward S. Perry reports from the Republic of Viet Nam to relieve Lt. Thomas L. Lonigan, Pasadena Public Works Officer who has been assigned to Viet Nam.

Lt. Perry served as Construction Management Officer from April 1965 to March 1966 for the Officer in Charge of Construction, in the Republic of Viet Nam.

He received his commission from the Officer Candidate School, Newport, Rhode Island, in May 1957. He holds a B.S. degree in Civil Engineering from Princeton University and an M.S. degree in Civil Engineering from the University of Illinois.

### In-Service Schools

Included in the many courses completed during his naval career have been a management course at the U.S. Naval Post Graduate School, Monterey, Calif.; Nuclear Weapons Training Center, Pacific, Nuclear Weapons Orientation; U. S. Naval School, Civil Engineer Corps Officers, basic course; Nuclear Defense Construction Engineering and Structural Dynamics and Radiation Shielding. The latter two subjects he instructed from May 1961 to May 1963.

From April 1960 to May 1961, he was with the U.S. Naval Radiological Defense Laboratory as Bureau of Yards and Docks Program Officer.

Previous to attending OCS, he designed atomic blast resistant structures while an engineer with Ammann and Whitney, Consulting Engineers New York City.

Lt. Perry and his wife, Violet, reside in Alhambra, California.

Lt. Lonigan came to NOTS in August 1964 from the Post Graduate School, Monterey, where he earned an M.S. degree in Management. Previous duty was that of Transportation Officer and Chinese Army Liaison Officer with the U.S. Naval Support Activity, Republic of China. In recognition of this service he was decorated twice (Chinese Army and FASD medals). Also during this tour of duty, he held the title of 1963 U.S. Armed Forces Golf Champion of the Republic of China.

Lt. Lonigan received a Bachelor's Degree in Mechanical Engineering from the General Motors Institute, Flint, Michigan and has attended the University of California and the University of Maryland studying toward a Business Degree.

He has attended numerous in-service schools including the Civil Engineer Corps Officers School, Basic Course, Course Number 1, and Course Number 2.

Lt. Lonigan and his wife, Donna, have two small sons — Timothy Lee and John Michael.

The first Navy aircraft carrier with the capability of launching and recovering aircraft simultaneously was the USS Antietam, in 1952.

Only one commissioned battleship did not bear the name of a state. It was the USS Kearsarge, commissioned in the early 1900's.

# New Vibrator Copies Reality In Test Work

(Continued from Page 1)

The control room, in Bldg. 216, is 600 feet from the test area and enables scientists to test live fuzed rounds containing up to 2,000 pounds of explosives or 5,000 pounds of propellant.

Joe Togami, vibration engineer with the Propulsion Laboratory is in charge of the facility.

"Until now," says Joe Togami, "we have been using established Department of Defense vibration standards for weapons testing. These are represented by sine wave vibrations. But now we can produce new and much more realistic standards for DOD—based on actual performance needs — as well as provide greatly increased capability for the Station's own programs."

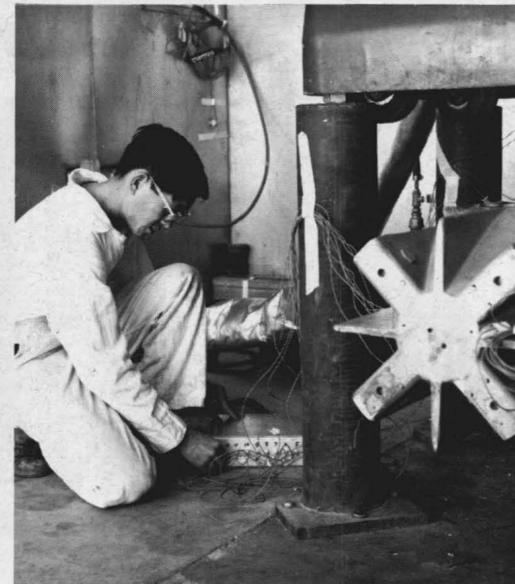
Installation of the vibrator, the job of Code 45's Engineering Division headed by Clarence Renne, was designed for savings in time and expense as well as for quality testing.

"Our purpose," says Togami, "is to arrange to do our work with the vibrator as quickly as possible. Everything that has to be near the vibrator is put together as inexpensively as possible so that it can be replaced easily if a weapon blows during testing."

The vibration exciter can handle loads of 1,000 pounds in the upright position or 500 pounds in the horizontal or upside-down positions. This ability to handle large loads reduces the need for extensive jiggling and auxiliary supports, and reduces the setup time.

During checkout of the system, it met its specification requirements for displacement of one inch, velocity of 70 inches per second, and acceleration of 100 G's.

Specialists in this type of testing equipment will appreciate the device's other capabilities. They include a random vibration capability which has 80 channels of automatic equalization over the frequency range of 10 to 2,000 cycles per second, a dynamic control ran-



PRE-TEST CHECKOUT — Joe Togami, vibration engineer heading Vibration Section of Test Management and Program Planning Branch, checks wires leading from accelerometers on a test item, mounted under vibrator at right. Joe came to NOTS in November 1964 from White Sands, won B.S. in mechanical engineering from New Mexico State University. The vibrator's surrounding environment chamber is 21 feet long, 10 feet wide and eight feet high.

ge of more than 50 decibels, and a setup time for equalization of the system of within five to fifteen minutes.

In addition, patch panel switching provides the capability to use tapes recorded from flight - test data as a control signal to control the vibration applied to the test item and to develop more realistic vibration standards. This taped data can be recorded from 18 accelerometers, 12 strain gauge transducers and 12 thermocouples for each test setup.

### Optimism for Future

Though research and development work with the vibrator has only just begun, and has yet to call upon the unit's full capabilities, the people connected with it have great optimism for its future.

"All this equipment is well worth its cost," said Togami. "I believe this system will pay for itself in a very few tests."



SIGNS FOR SIX—Chief Gunner's Mate D. C. Patton is sworn in for a six-year hitch by Lt. Cdr. F. H. Elliott. A native of Oakland, Ky., Patton is a 16-year career man.

# Capt. Sid Brooks, Once At NOTS, Pays Visit

Aboard the Station for a two-day visit this week was Capt. Sidney Brooks, former Assistant Experimental Officer and acting Executive Officer.

He is now Commanding Officer of the Naval Weapons Services Office, a tenant activity at the Naval Air Engineering Center, Philadelphia.

Capt. Brooks was here to discuss plans of NOTS' activities in the area of ship launched rockets for the next fiscal year with Ted Lotee and others of the Engineering Department. He was accompanied by R. M. Snow and H. H. Germain.

During his visit he renewed acquaintances with old friends, particularly those of China Lake Toastmasters Club 853 of which he was an active participant during his three - year tour here. He is presently a

member of the Philadelphia Toastmasters.

While a commander, Capt. Brooks served NOTS as assistant experimental officer from 1957 to 1960, when he was promoted to captain. From June to July of 1960 he was acting executive officer.

He went to a staff assignment at the Naval Postgraduate School at Monterey, Calif., after leaving NOTS, then to the Naval Station, Roosevelt Roads, Puerto Rico, where he was selected for his present command.

A native of Cleveland, Ohio, Capt. Brooks holds a Master's degree in ceramic engineering from Ohio State University.

He started his Navy career in 1940 as a V-7 midshipman at Northwestern University.



NWSO VISITORS ENJOY LAUGH—Capt. Sid Brooks, CO of Naval Weapons Services Office, draws laughter from his fellow NWSO companions R. M. Snow, left, and H. H. Germain, right, as he and Ted Lotee, Engineering Dept., discussed on Tuesday some of the amusing incidents that occurred during his tour of duty at China Lake from 1957-60.

# Wildflower Show Open to Public This Sat. and Sun.

(Continued from Page 1)

wildflowers in the area will be given to show visitors. The map is being supplied by Local 874 of the National Federation of Federal Employees.

A tea room will provide visitors with refreshments and home-made desserts at a nominal cost.

A community effort, the show is sponsored by WACOM with the assistance of the AAUW, the Desert Art League, the Indian Wells Valley Gem and Mineral Society, the China Lake Photographic Society, the Desert Community Orchestra, and the Maturango Museum.

"The wildflower show is a tradition in our community," says Mrs. D. T. McAllister, this year's general chairman. "To many it's a won't miss affair."

Earliest known efforts for the show were initiated by pioneer residents Mr. and Mrs. Vernon Carr of Inyokern, and close friends, including the late Judge M. M. (Jack) Warner of Ridgecrest.

In past years the show has attracted from 2,000 to 2,500 visitors from throughout Northern and Southern California, from neighboring states, and even foreign countries.

The Coast Guard's International Ice Patrol is 52 years old this year. They have a total of 10 icebreakers.

**MICHELSON**  
The first American to receive the Nobel Prize (1907) was Albert A. Michelson, a graduate of the U.S. Naval Academy. Michelson Laboratory at the Naval Ordnance Test Station, China Lake, California, was later named for him.—NAVNEWS.

# 'Yard Beautiful' Contest Now Officially Underway

Monday signals the beginning of the "Yard Beautiful" contest sponsored by the China Lake Community Council and the Oasis Garden Club. All station houses, including the Desert Park (Wherry) homes and residents who have made improvements to their yards and housing exteriors are encouraged to enter.

Judging, to be conducted by Garden Club members, will be on the extent that improvements and additions enhance the beauty of the property.

Areas of consideration will be the condition of the yard and landscaping, and attractiveness of external additions, such as patios and fencing.

**Housing type will not be taken into consideration, nor will landscaping areas maintained by the Station.**

To enter the contest residents should fill out the entry

blank printed in the Rocketeer and send it to the Community Council, P.O. Box 5443, China Lake.

Interested persons are encouraged to enter as early as possible to facilitate judging. Entries will be accepted through Friday, May 13.

May 7 will be the last day for pick-up of trash by Public Works. Residents are urged to call Ext. 7177 before noon Friday, May 6, for pick-ups. They should red flag the trash to be picked up.

Response to the pick-up campaign has been generally good, and it is hoped that the final day will meet with enthusiastic participation.

YARD BEAUTIFUL CONTEST — APRIL 30 - MAY 13  
COMMUNITY COUNCIL, P. O. Box 5443, China Lake, Calif.

Name of Resident .....  
Address .....  
Telephone Number .....  
Person Submitting Entry .....

CHAPLAIN'S MESSAGE

Looking Forward

By CHAPLAIN MARK E. FITE

Sounds strange, but we actually move forward by looking back. In looking back, we ought to learn from those who have gone before, and be better men for having done so.

In looking forward, we always have the total contribution, for whatever it may be worth, of a great host of forerunners. It is unwise to ignore these. The temperament of any one of us is forged in the fires of human experience.

Perhaps the greatest influence in any life is placed there by one's parents. If it has placed proper emphasis on service to God and man, then such influence will be a rich heritage that does not fade with time.

We cannot, nor do we wish to escape the observation of many. If our motives are right, such will not hinder but rather enhance our effectiveness.

The tasks that are before us and how we lay hold upon them are seen by our contemporaries. There is a great throng in the grandstands looking on as we take our position in the game of life. If we play by the rules, or if we shun the hard blows we are noticed.

More significant is the fact that we are being observed by a crowd of heroes, apostles and witnesses who lived and wrought in the kingdom of God before us. What a work they have committed to us and what a challenge they have left us!

Most significant of all is the fact that we are observed with interest by Our Lord while we engage in politics, business, social contacts, home life and religious activities. Each life is within the radius of His vision.

Instead of making us self conscious and afraid, we receive encouragement when our motives are right, from such a huge crowd of witnesses. These are watching from the sidelines, cheering and boosting us.

The writer to the Hebrews (12:1) must have had some evidence of the influence of these in our lives as we apprehend the tasks at hand.



Lunar Mining To Be Subject Of Chem Meet

Dr. Carl F. Austin, of the Earth and Planetary Sciences Division of the Research Department, will be the featured speaker at the Mojave Desert Section of the American Chemical Society's annual dinner meeting to be held at 7 p.m. on Saturday, May 7, in Bak-



DR. CARL AUSTIN

... to speak on lunar mining ersfield at the Basque Cafe, 631 East 21st Street.

Dr. Austin will speak on "Lunar Mining — the What and Why" in which he will discuss the reality and feasibility of such mining including the various logistic problems, the nature and value of the possible products, and the benefits to be derived.

A NOTS employee since February 1961, Austin holds a B.S. degree in mining engineering, and M.S. and Ph.D. degrees in geologic engineering, all from the University of Utah.

His experience has included work as a miner, a geologist, an engineer, and a geo-chemist. On the local scene, he has worked at the Darwin Mine at Darwin and the Pine Creek Mine at Pine Creek, northwest of Bishop.

He is a member of the Mining and Processing Sub-group and chairman of an ad hoc committee on Indigenous Lunar Power Sources.

He has also served as a Navy member of the Steering Committee of the Working Group on Extra-Terrestrial Resources.

Those interested in attending the dinner should make reservations today with Dr. Wayne Thun, NOTS Ext. 72831.

'Benny Sugg' Sez

Got A Beneficial Suggestion? Don't forget, now you can call it in! Ext. 72921 "Benny Sugg"



A DOUBLE WIN BY A TRIO of flower arrangers was scored by (l-r) Mrs. Curtis Garrett, Mrs. Roger C. Wickenden, and Mrs. Frederick Richards at the Oasis Garden Club Spring Flower Show last Thursday at the Community Center.

PROMOTIONAL OPPORTUNITIES

Clerk (DMT), GS-3 or GS-4, Code 3071 - Incumbent is secretary to the Head, Track Projects Branch, and provides the necessary secretarial and office management services required by the Branch for efficient operation. File applications for above with Jean Lines, Bldg. 34, Rm. 24, Phone 71514.

Clerk (DMT), Code 4561, GS-3 or GS-4 - Position is located in Propulsion Development Department, Warhead Development Branch. General office duties including typing of reports, letters and memoranda using engineering terms. Transcribe from dictating equipment. Sorts mail, and retrieves material from files. Answers telephone and greets visitors. Commits supervisor's time, arranges for meetings. Does work for approximately 10 professional personnel. File applications for above with Sherry Scheer, Bldg. 34, Rm. 26, phone 71577.

Truck Driver (Heavy), three vacancies, Code 70783, J D No. 165-3 - Drives straight-in-line trucks of over 22,000 pounds gross vehicle weight ratings up to and including gross vehicle weight ratings of 32,000 pounds, or heavy duty passenger buses, either of the "body on chassis" or integral (transit) types, with a carrying capacity of twenty-five or more passengers; or operates special purpose vehicles. File applications with Dora Childers, Room 32, Bldg. 34, Code 657, Phone 71393. Deadline for filing is May 6.

OVERSEAS VACANCIES Information on Overseas vacancies is available at the reception counter of the Personnel Bldg. SUSPENSION NOTICE The Board of U.S. Civil Service Examiners, U.S. Naval Ordnance Test Station, China Lake, Calif. 93555, announces that the acceptance of applications for the following listed examinations will be suspended on May 2, 1966 until further notice. Applications must be received or postmarked no later than May 2, 1966.

Clerk, GS-4, SF-20-65 (65); Clerk-Stenographer, GS-3 and GS-4, SF-20-3 (64); Clerk-Typist, GS-2 and GS-3, SF-20-3 (64); Carpenter, SF-20-41 (65); Laborer, SF-20-100 (65); Liquid Fuels Distribution Operator, SF-20-1 (66); Ordnanceman (Ammunition and Explosives-Test), SF-20-5 (66); Painter, SF-20-43 (65); Plasterer, SF-20-54 (65); Plumber, SF-20-44 (65); Power Plant Controlman, SF-20-6 (66); Pumping Plant Operator, SF-20-35 (64).

If these suspensions have not been lifted within one year, the respective examination announcements will be considered closed and no further notice will be issued concerning them.

Clerk (DMT), GS-4, Code 4007 - Vacancy located in the Chaparral Program Office of the Weapons Development Department. Types technical notes, reports, correspondence, forms, etc. from either rough draft or recorded dictation. Acts as office receptionist and performs miscellaneous office-clerical duties.

Electronic Mechanic or Electronic Technician, GS-5 or 7, Code 4021 - Position located at the Code 40 Anechoic Chamber facility. Incumbent assists in conducting tests on missile antennas and guidance systems and maintains transmitting, receiving, and data acquisition equipment. File applications for above with Sandi Craig, Personnel Bldg., Room 28, Phone 72676.

Mail and File Clerk, GS-4, Code 2505 - Receives and distributes incoming mail for the Supply Department, reviews and processes outgoing mail; acts as custodian for classified material; maintains correspondence and records files. Physical Science Technician (Physics), GS-9 or 11, Code 5008 - Position is that of research test conductor for the Aerothermochemistry Group of the Research Department. Incumbent designs and fabricates special research motors and the required nozzles, supervises the mixing of the propellants, sets the criteria for machining the cast propellant, sets up the actual conditions for firing the motors, etc. Incumbent also is responsible for supervising two test mechanics, ordering supplies, and arranging for the use of special facilities. File applications for above with Naomi Campbell, Bldg. 34, Rm. 28, Phone 72218.

100 Expected to Attend 2-Day HERO Seminar

Over 100 are expected to attend the two-day seminar on Hazards of Electromagnetic Radiation to Ordnance (HERO) to be held here next Wednesday and Thursday.

The two-day event will be held from 8 a.m. to 4 p.m. each day in Conference Room A at Michelson Lab.

Russell N. Skeeters, program coordinator for the seminar, emphasized that Station personnel of the technical departments particularly those engaged in development projects, are invited to attend to take advantage of this opportunity to update their knowledge of HERO.

The keynote address will be delivered by Ted Lotee of the Engineering Department.

The seminar will be comprised of four sessions with two sections each for a total of eight phases related to the HERO program.

Seminar speakers and their topics are as follows:

C. M. Cormack, who heads up the HERO program at BuWeps (RREN-32), will outline the general aspects of the program and conduct a roundtable discussion at the opening session.

Chairman J. N. Payne, NWL Dahlgren, will speak on Design to Preclude Radio Frequency Hazards to Ordnance.

R. M. Price, chairman HERO Consultation Committee, and Wendell LaPasata, asst. chairman, both of NWL Dahlgren,

will give a run down on HERO testing, the procedures for obtaining HERO services, and describe the HERO facilities at NWL Dahlgren and PAX River and their testing operations.

C. M. Cormack, in the concluding session for Wednesday, will describe the safe qualification factors in a weapons system for HERO.

The opening session on Thursday will deal with development of a radiation hazards fix, the design requirements, and qualification tests.

An explanation and demonstration of fixes employed at NOTS for the 2.75-inch FFAR (launchers and rocket), the Sidewinder 1A, the Sidewinder 1C, and Zuni will be given by Wayne R. Rountree.

The concluding session of the seminar will deal with the general topic of the development of radio frequencies filters for radiation hazards suppression.

While here the seminar attendees will tour the Radio Frequency Lab at NAF and see a demonstration of radio frequency firing.

Following the purchase of Alaska by the U.S. from Russia in 1867, the first government vessel into the territory was the Revenue-Marine (fore-runner of the Coast Guard) cutter Lincoln.



PINTO SACRIFICES—Burros' pitcher Herbie Pinto lays down a drive to Victor Valley's first baseman Hayder in a sacrifice to

advance Mike Machowsky to second base in the first inning as catcher O'Brien watches. —Photo by Mike Taylor

Softballers Called To Enter Names At Spec. Services Burros Defeat Victor Valley; Swamp Kennedy High School

BY MIKE TAYLOR

The Burros won their third and fourth Golden League games last weekend at Schoefel Field. They defeated Victor Valley 2-1 Friday and Kennedy High School 10-3 on Saturday.

Lakers who are looking forward to playing ball in the Station's Intramural Softball League are asked to enter their names at the Special Services Office through their military personnel officer or civilian department head by Thursday, May 5.

All entries should include the name of the team and a phone number of its coach or manager. A meeting of all interested persons is to be held in the Special Services Office, 76 Bard St., at 1 p.m. Wednesday, May 11. The Office said no entries can be accepted after May 5.



(AFPS Weekly Feature)

1. What is the longest major league baseball game on record?

2. The U.S. Open golf championship has been won by amateurs only eight times. How many times has Bobby Jones won the title?

3. What ball player holds the record for drawing the most bases on balls in one season?

ANSWERS

- 1. Seven hours, 23 minutes.
2. Three.
3. Babe Ruth, passed 170 times in 1923.

Astronomical Society Meeting Monday Eve

Slides taken by members of the China Lake Society on their trip to the Goldstone Tracking Station and a film, "Earth-Space Telecommunications" showing the Goldstone facilities will highlight the Society's meeting at 7:30 p.m. on Monday at 401 McIntire Street.

Chuckwagon Breakfast Tomorrow 7 to Noon

A chuckwagon breakfast in the inimitable Lions Club style will climax "Join-the-Fair" month, tomorrow morning from 7 to 12 in the Bank of America parking lot in Ridgecrest.

to first in the second, third, fourth and fifth innings. Burros' John Manger scored in the second inning, Herbie Pinto scored on a single by Manger in the third and Spurgeon scored on a sacrifice by Duke Martin.

In the fourth, Burros' shortstop Jim Goforth started the inning with a single and scored on a single by Stan Spurgeon making the score 5-0 in favor of Burros.

The Burros got five more runs in the fifth as Duke Martin, Jim Keosky, Jim Goforth, Mike Machowsky, and Herbie Pinto scored, giving Burros a 10-run advantage.

In the top of the sixth, Kennedy brought home two runs on three hits and Burros went down one, two, three. Kennedy got another run in the seventh but it wasn't enough.

The 10-3 win gives the Burros their fourth Golden League victory. They've had three defeats in Golden League play.

BOWLING NEWS

By CURTIS HAMILTON NOTS Ext. 725181

MIDWAY LEAGUE

The CPD Club picked up four big games by bowling a high game of 873 and high series of 2528 to move into first place all by themselves. Only one game back are the Playboys, who were tied for first for the last two weeks.

Benny Whiteside grabbed high individual game by pounding out a 233 and Clinton Green captured high series with a 588.

MIXED FOURSOME

Well, the season is over for this league and Metal Trades won by 11½ games. Garbage Buckets and Kegelspielers tied for second, but the Kegelspielers got it by having high total pins.

For the night Gordon Zurn rolled a 234 game and 631 series while Marion Zurn rolled a 190 game and a 518 series to lead the Garbage Buckets to a high team game of 697 and high series 2014. Other 200 games were Gordon Zurn, 214, Gordon Zurn, Jr., 221, George Barker, 203, and Floyd Maxwell, 202.

New Departure Time For PAL's Flight 482

Effective this Sunday, the departure time will be 8:45 p.m. for the evening Flight No. 482 of the Pacific Air Lines from the Los Angeles International Airport to Inyokern. There will be no change in Pacific Air Lines morning Flight No. 481.



PRESIDENT'S TROPHY WINNERS—Mary McDonald was low gross winner with a 94 and Doris Cosner was low net winner with a 70 in the China Lake Women's Golf Club annual President's Trophy Tournament.—Photo by Ruth Moore



MONTE CARLO RALLY ENTRIES—Shown (l-r) is the Stingray of Don DeWitt who posted best time of the day in the over 3 litre class; the Barracuda of Dick Mahan who won Sportsmanship Trophy; and the Stingray of Ray Thurm who placed second behind DeWitt with a time of 54 seconds, in the Desperation 500 Monte Carlo Rally held at Barstow. Local High Sierra Chapter Four-Cylinder Club sponsors.

The Rocketeer

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

Capt. John I. Hardy, USN Station Commander

"I." Bibby Public Affairs Officer

Frederick L. Richards Editor

Staff Writers Budd Ott John R. McCabe Joan Raber

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.



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.)