



TOP-LEVEL MEETING AT PENTAGON—Armed Forces leaders, representing the United States' highest military commands, who met in Washington recently for a global strategy conference with the Secretary of Defense are, from left, first row: Gen. David M. Shoup, Marine Corps Commandant; Gen. Thomas D. White, Air Force Chief of Staff; Gen. Nathan F. Twining, Chairman, Joint Chiefs of Staff; Secretary of Defense Thomas S. Gates Jr.; Adm. Arleigh A. Burke, Chief of Naval Operations; and Gen. Lyman L. Lemnitzer, Army Chief

of Staff. Second row: Adm. Harold P. Smith, Navy Commander, Eastern Atlantic and Mediterranean; Gen. Thomas S. Power, SAC Commander; Maj. Gen. Dolf E. Muehleisen, Air Force Deputy Chief of Staff; Lt. Gen. Frank H. Armstrong, Alaskan Commander; Lt. Gen. Robert F. Sink, Caribbean Commander; Adm. Robert L. Denison, Atlantic Commander; Adm. Harry D. Felt, Pacific Commander; and Gen. Lauris Norstad, Supreme Allied Commander, Europe. A Director, Strategic Target Planning, Joint Planning Staff are proposed.

Crew's News

By B. C. Sipin, PNI

Welcome aboard to D. L. Hudson, GMI, from the USS Markab. Hudson spent a tour of sea duty in the Pacific area and now settles down to shore duty—not too far from home (John Day, Ore.). Hello again to S. L. Rainey, RM3, from the Naval Hospital at San Diego. He was formerly at NOTS. JOOD and Second Divisions are glad to have you both aboard.



Sipin

So long . . . A. M. Morris, SHCA, reporting to NavSta Midway and to T. O. Smiley, GM3, who will join the USS Thomason at San Diego. The Commissary really feels the loss . . . but on the cheerful side, it won't be too long before replacements arrive.

The combination of a long weekend and a hot rod caught up with a Pers Accounting YN . . . by the CHP, that is. He insisted that his "Super 88," equipped with oversize tires, coupled with strong desert winds, pushed him above the speed limit . . . is this right Ablao?

Personnel on the SEAVEY listing are sure eager to get their next duty stations. While filling in their cards, some have indicated a desire to attend non-existent schools. Others just want to know when, where and how they are leaving.

Opportunities are unlimited in the STAR Program for qualified enlisted men. Those interested, who have graduated from Class A and B schools, please refer to NOTS I&E Officer for further information and counselling.

Shipover Eased

Moving to increase its retention of enlisted men, the Navy has removed two barriers to reenlistment. Formerly barred were men who had failed to advance from Grade E-3 to E-4 within 30 months.

Another barrier, partially removed, was that of barring reenlistment of the man who, because of the number of dependents had difficulty in meeting his financial obligations. BuPers announces that, at the discretion of the CO, he may be permitted to reenlist.

GEBA Sets Special Meeting for Members

A special meeting of the membership of the Government Employees Benefit Association is being called for Monday, September 19, at 7:30 p.m. in the Community Center to vote on whether to form an auxiliary organization for dependents of present members or to accept dependents into the parent organization.

School Opens



GETTING ACQUAINTED—Kindergarten enrollees at Richmond School receive moral support from parents as teacher Wilma Elmer conducts a brief introduction. Seated on floor (l-r): James Faber, Bill Sizemore, Peggy Gregory, Krissy Bjorklund, Martha Sizemore, Robert Henry, Mary Teresa Russell, and Bobby Russell. Back row: Mmes. Gregory, Faber, Bjorklund, Sizemore and Russell. Kenneth Regelson, standing, observes the proceedings with a dubious expression.



WHERE OLD FRIENDS MEET—Renewing acquaintances and making new ones highlights the first day of school for Murray Junior High students—books and homework can wait one more day.



EAGER BEAVERS—Burrroughs High students just can't wait for the study period to crack that new text book on American History. Shown pouring over its contents (l-r) are: Sophomore Jack O'Brien and Junior class members Bill Haseltine and Dennis Wahl.

China Lake Players Set Tryouts for Fall Comedy

Open tryout readings will be held next Wednesday evening from 8 to 10 p.m. in the Players Hut, 81 Halsey, for the China Lake Players fall production "My Three Angels," a romantic comedy by Sam and Bella Spewack.

There are parts for seven men, three women, and a snake, according to Mary C. Wickenden, director of the group.

The play refers to the three convicts from Devil's Island who work for the family of Felix Ducotel, a storekeeper in French Guiana in 1910.

The convicts, Joseph, Jules, and Alfred, use their considerable ingenuity and experience in straightening out the business affairs of M. Ducotel and the love affair of his charming daughter, Marie Louise.

Leading roles are the three fine comedy parts of the convicts which were played in the movie version by Humphrey Bogart, Peter Ustinov, and Aldo Ray. They have given up their crimes but have never given up hope for the human race. Their ingenious solution to the problems of the play involves chicanery which might not stand up in court but which wins and holds the sympathy of the audience.

Poetic Soul

Felix Ducotel, the middle-aged storekeeper who is on the verge of bankruptcy, has a poetic soul and a fuzzy mind. His wife, Emilie, is much smarter than he but loves him and is kind enough to conceal this awkward fact. Their daughter, Marie Louise, is a thorough romantic who has had the bad judgment to fall in love with Paul, a handsome young man who would love her very much if she had a large dowry.

The convicts feel that this is an affront to romance and so devise a scheme to replace Paul in Marie Louise's affections without disillusioning her about her true love. They also must foil his bad-tempered uncle, Henry Trochard, whose aim in life is to balance the books and to show a large profit.

The final character is a young lieutenant, resident in white uniform, who comes to call and promises to soothe Marie Louise's wounded feelings.

According to the director, the snake is an essential part of the plot but does not need any acting ability.

Early November

"My Three Angels" will be produced in early November and will involve rehearsals twice a week during September and October. Any interested person is welcome to read for a part and anyone who cannot read on Wednesday, September 14, may call the director at Ext. 77871 and arrange to be heard at another time.

All casting for productions of the China Lake Players is done from

Suladie Engages In UN Congo Airlift

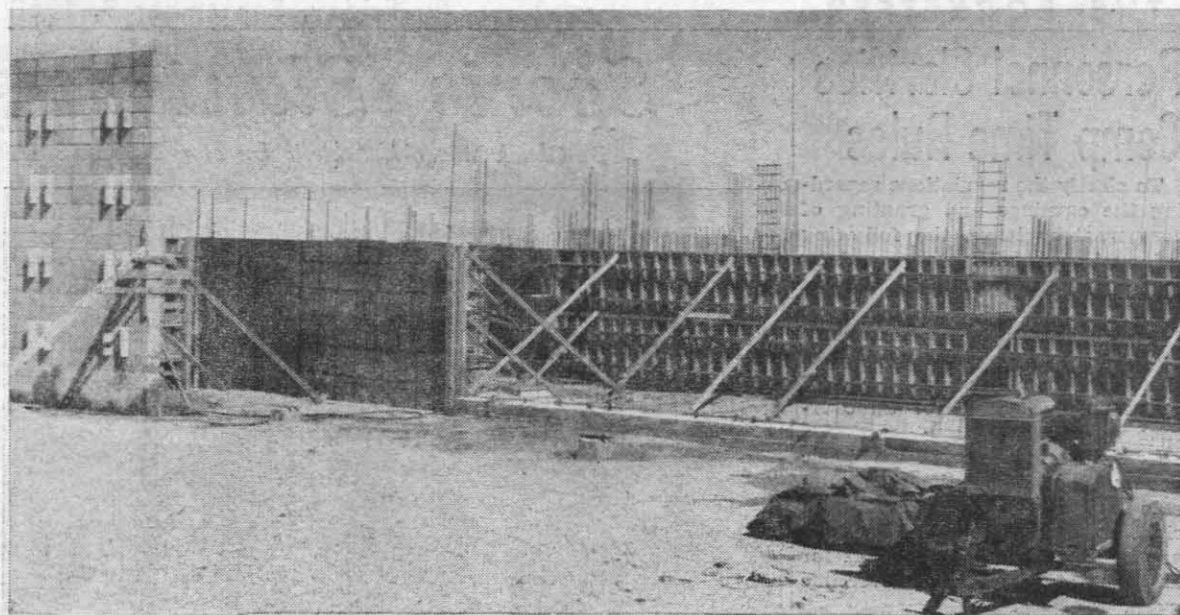
Word was received from Chateauroux Air Station, France, that 1st Lt. Ronald E. Suladie, USAF, has been participating in the "Congo Airlift" with the Military Air Transport Service Provisional Wing in central France.

The MATS Provisional Wing was initiated for the purpose of strategic airlift support of United Nations action in the Congo Republic. Giant C-124 Globemasters have flown in thousands of tons of equipment, supplies, food, and UN troops to the troubled central African area.

Lt. Suladie, son of Mr. and Mrs. Earl E. Suladie of 304-B Monterey, has served with MATS for three years.



HE'LL STAY—Robert F. Connelly, ADC, accepts congratulations from Capt. T. A. Grell, NAF Commanding Officer, upon retirement to the Fleet Reserve. Chief Connelly, a veteran of 23 years active duty and recipient of the Air Medal for participation in hazardous missions in Korean combat, will remain at NOTS as a Golf Course employee.



NEW LABORATORY—Fifteen per cent of the construction work on the new \$149,000 Systems Evaluation Laboratory has been completed. Forms for the 16 inch thick walls await the pouring of concrete. Concrete block entrance wall is at left. Site of the 43' x 92' structure is 300 feet from the north entrance of Michelson Laboratory. Construction began on July 20. Completion date is December 5.

ROCKETEER
BUDD GOTT, EDITOR PHONES 71354, 72082, 71655 OFFICE, HOUSING BLDG., TOP DECK
Vol. XVI, No. 35 NAVAL ORDNANCE TEST STATION, CHINA LAKE, CALIFORNIA Sept. 9, 1960

NOTS Forges Ahead In Metalworking Research

The Detonation Physics Group, headed by John Pearson, within the Research Department, has contributed a wealth of knowledge to the area of explosive metalworking.

This group's findings will give greater insight into the fundamentals of the process, the operations that are feasible today, and the influence of explosive charges on the materials being worked.

Pearson's recent articles in this field include a 42-page paper entitled "The Explosive Working of Metals" in Proceedings of Symposium on Processing Material for Re-entry Structures, Society of Aerospace Material and Process Engineers (May 1960); NavOrd Report No. 7033 dated February 1960, further delves into the explosive working of metals; and further details of the group's research have appeared in Metal Progress, Mechanical Engineering, and Steel. An invited paper, "Metal Working With Explosives," will soon be published in The Journal of Metals.

It has also been disclosed that the English publisher, Pergamon Press of London has invited Pearson to write a book on the subject.

Of current interest in the explosive working of metals are the magnitudes of the forces and pressures which can be developed by means of an explosive charge. These values have been so interwoven with the destructive aspects of warfare, that many people have been hesitant to utilize explosives in peaceful, everyday applications.

The art of explosive metalworking has three significant potentials:
• Making parts beyond the capacity of conventional methods;
• Producing odd shapes and handling unusually tough metals; and
• Saving equipment and labor in producing some kinds of short run items.

Operations
A wide variety of explosive working operations are currently being used, or are being studied for possible future application in the metals industry. Those operations which are in the most advanced stage of development are the ones which most approximate conventional metalworking such as forming, sizing, and flanging of sheet metal stock and plate.

Other operations in varying degrees of usage or advancement are controlled work hardening, forging, extruding, welding, controlled cutting, and the compacting and forming of powders.

Pearson was recently awarded a U. S. Patent which covers the use of explosives for the controlled cutting of metals, and has several other patents pending on the use of explosives for compacting metal powders and the welding of metal parts.

Material Behavior
The behavior pattern of metals in

Registrars Added To Desert Roster

With only six days left to register for the November 8 election, voters will be afforded unlimited opportunity to contact a deputy registrar during the remaining period.

Registrars will be available in front of the Station Commissary, Monday through Thursday, September 12-15, from 10 a.m. to 12 noon, and from 1:30 to 6 p.m.

A registrar will be stationed today at both the main and north entrances of Michelson Laboratory from 9 to 11 a.m. and from 2 to 4 p.m.

The new complement of registrars sworn in by County Clerk Vera Gibson last weekend will alleviate the burden for existing registrars during the anticipated last minute rush. Additional volunteers and their addresses are: Maxine Sutherland—450-B Essex Circle, Lila Sholes—79-A Renshaw, Margaret Jones—201-B Wasp Rd., Juanita DeHam—211-B Byrnes, Car olyn Nathan—214-A Ellis, Mimi Bass—414-B Fowler, and LaNelle Thompson—700-A Knox Rd.

Previously established registrars are: O. M. Mayberry—110-A Independence, Gladys Twyman—1105 Sullivan Rd., Natalie Hulse—105-B Hancock, Judith Marsing—210-A Fowler, Vera Greenfield—706-B Kearsarge, and Doris Hammer—212-B Groves.

This is a very exacting science requiring much experimentation, and experts in the field do not all agree on how metals behave under explosive conditions.

Judging from the large number of companies engaged in explosive working operations, and from the number of parts already manufactured on a production basis, it appears certain the use of explosives in the metals industry is here to stay.

Pearson emphasizes that this is a young field with much of the work being accomplished on an empirical basis. To help it grow, an interchange of information is necessary, as well as much greater emphasis on applied research.

The consensus is that metal behavior is going to get the major share of research attention in the near future . . . investigators are beginning to realize that explosive metalworking is unique—it's not a new way to do an old job!

Admission Day Is Holiday for Many
Today, Admission Day for the State of California, is a holiday for city, county and state office employees. Federal offices and stores remain open as usual, but libraries and banks are closed. This does not affect the Station Library.

The State of California celebrates its 110th birthday as a state today. On Sept. 9, 1850, President Millard Fillmore signed into law the bill which made it California the 31st state of the United States. It was the end of a hard fight. The Union had 15 states without slavery and 15 with, and the admission of California, which had put into the constitution adopted at Monterey a clause forever forbidding slavery, upset the balance.

California came into the Union without passing through Territorial status; no others, except the original 13—and Texas—had that distinction.

The news of admission came to the new state on Oct. 18, 1850, when the ship Oregon sailed into San Francisco Bay.

Engineering Swim Party
The Recreation Association of the Engineering Department will sponsor a Swim Party at the NAF pool next Tuesday, Sept. 13, from 5 to 9 p.m. for department employees and friends. Ticket reservation deadline is today. Call Lillian Peck, Ext. 71580, or club representatives for tickets.

TEMPERATURES
Max. Min.
Sept. 2 93 65
Sept. 3 92 69
Sept. 4 97 69
Sept. 5 98 64
Sept. 6 98 65
Sept. 7 97 64
Sept. 8 98 63
September 15
Is the Registration Deadline!

Construction Begins On New Systems Laboratory

Work is well underway on the \$149,000 Systems Evaluation Laboratory located opposite the north entrance of Michelson Lab, according to Don Fischback, Public Works inspector for the project. Construction on the new facility was begun by the William A. Drennan firm of Oildale on July 20. Anticipated completion date is December 5.

Fischback estimates that 15 per cent of the construction work has been completed with the footings poured, the underground piping in, and the forms erected for the 16-inch thick walls.

The building will contain 41,000 square feet of floor space and will be used by the Aerothermochemistry Group of the Research Department.

Edward W. Price, who heads the group, says of the new structure, "This new facility marks the beginning of a new era for our group in an increased level of propulsion research."

Price pointed out that the 15 foot high, 43' x 92' building will contain three bays 15' x 20' for propellant testing and an instrumentation room 20' x 82'.

Bay number one will be used for solid propellant combustion tests; bay number two will accommodate

accommodate a wide variety of small scale tests with new instrumentation.

Price states that the new Systems Evaluation Lab will result in economy to the taxpayer because it permits the engineer and scientist to do much of his own non-routine tests and with a more rapid solution.

"The availability of such a building in our tests should pay for itself in three years," Price prophesied.

WWI Veteran Wills Estate to Uncle Sam
Because he appreciated the medical care given to him in a Veterans Administration Hospital, John Burke, 71, a naturalized citizen and veteran of World War I who died last summer in Douglas, Ariz., willed all his money and possessions to the United States government.

Lloyd Helm, Cochise County, Ariz., attorney said Burke's estate contained personal belongings, \$700 in cash and U.S. Savings Bonds with a cash value of \$10,500.

Helm said Burke, a native of Ireland, was naturalized in 1914 and became a World War I casualty while serving in the Army. Burke spent two years in a Veterans Administration hospital at Santa Fe, N.M., before returning to his home in Douglas last summer.

In his will, Burke stated: "Being an ex-serviceman and grateful for the medical treatment I have received from the veterans hospital, I will . . . bequeath all my property . . . to the United States of America . . . it is also my will to be buried in the National Cemetery at Santa Fe, N.M. . . ."

Wage Survey Group Complete Data Review
The final meeting of the Area Wage Survey Committee, which examined the Los Angeles labor market area, was held last Friday. Data collected was processed and reviewed by the committee and forwarded to the Office of Industrial Relations in Washington for action by the Navy Wage Committee.

The new schedule of wages must be put into effect no later than 45 working days after the first pay period from the time the survey was commenced; therefore, the new schedule of wages will be incorporated on or before October 16, 1960.

Attending the committee meeting were Station Representative Rudy Sauer, alternate Bernie Silver, and observers Frank Young and George Fortier.

UCLA Professors Due for Interviews

Professor Philip F. O'Brien of the UCLA Department of Engineering, and Professor Harry L. Tallman, Assistant Head of the Physical Sciences Extension, will visit the Station next Monday, September 12, and will be available for student counseling during the afternoon.

Engineering students who wish to discuss their programs with Professor O'Brien, and mathematics or physical sciences students who wish to see Professor Tallman may arrange appointments through the Education Office, Code 6541, Room 1004, Michelson Laboratory, Ext. 71759.

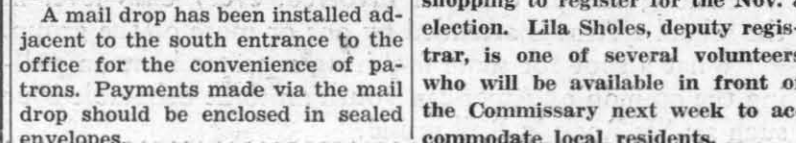
Telephone Office Hours Undergo Change Monday

A change in business hours at the Station's Telephone Office will go in effect next Monday, September 12.

Starting this month, from the 11th through the 25th of each month, the office will close through the lunch hour from 11:30 to 12:30.

A mail drop has been installed adjacent to the south entrance to the office for the convenience of patrons. Payments made via the mail drop should be enclosed in sealed envelopes.

HAVE YOU REGISTERED?—Nancy Scofield takes time from shopping to register for the Nov. 8 election. Lila Sholes, deputy registrar, is one of several volunteers who will be available in front of the Commissary next week to accommodate local residents.



Outlook Can Make Navy Years Productive

Contentment, either in the military or in civilian life, is largely a matter of mind over environment. A good billet or opportunity is, in many instances, rendered useless because one has already convinced himself that it is no good.

Continual complaining about your job is usually discounted by listeners who expect it. Your years in the Navy are "wasted years" only if you yourself waste them. The Navy will chart a progressive course for you—a course that will train you for the future. However, the important thing is your desire to make good that course.

The job you now have must be made worthwhile and challenging, if it isn't already. It is not true that every job in the Navy is better than the one you now have. Overcome this bugaboo and you will find your job—and your life—more pleasant and meaningful.

Are you in the Navy because of your military obligations and for no other reason? Unless you are already financially independent, you must work for a living. The Navy offers a variety of technical training for careers of your choice—military or civilian. Navy-trained men are in demand in industry. Also, you can take training courses, perhaps even correspondence courses from the college or university you plan to attend after discharge or retirement.

The man with a flexible mind can adapt himself to almost any situation and get something out of it. If your years in the Navy or in any one billet are "wasted" then you have let yourself down. You have all the mental ability you need or you would not have been accepted into the Navy? Why not make good use of it?

Red Cross Home Service Group Unique

The Red Cross Home Service in this area is as unique as the community it serves. Combined as it is with Field Director work, it is the only division in the world on a military installation that is handled entirely by women volunteers.

These women, wives of civilian and military personnel, take turns on 24-hour shifts (midnight to midnight every day of the year, including Christmas, standing by to receive all phone calls and working two hours at the local office, currently in the Station Hospital. At present, 25 aides are on the list of volunteer workers.

Home Service and its military equivalent, the Field Director, is the division of Red Cross which helps servicemen and their families with personal and home problems. The local branch covers a wide area of desert and mountain country, including the towns of China Lake, Ridgecrest, Inyokern, Brown, Randsburg, and Johannesburg. Anyone wishing the services of a Red Cross worker need only call the operator at the Naval Ordnance Test Station to be immediately connected with the duty worker.

The duty workers are fully responsible for decisions. They are even authorized to sign checks against Red Cross funds with no limit. Although the volunteers pride themselves on handling each problem, a very difficult case may call for a telephone consultation with Ruth Rundstrom, Home Service Director in Bakersfield, or William Wright, Field Director at Edwards.

Cases range from the happiest of all—the announcement of a new baby's arrival, to the saddest—a wire to bring a serviceman home from anywhere in the world to the side of a seriously ill relative, or to a funeral.

The original group was started in 1944 when the Station was only one year old by Kay Burroughs, wife of the Station's first Commanding Officer, Captain Sherman E. Burroughs, and Emily Richmond, wife of the Station's first Executive Officer, Cdr. John O. Richmond. The current chairman is Helen Fletcher and co-chairman is Rosemary Fisher.

Wasp Road—or Crossroads of Youth?

Nestled near the northeast corner of the Station's housing area, strung along one side of the street, stands one block of duplex homes housing 14 families. Across the street stands one lone building—Richmond School. This is Wasp Road.

There is nothing unusual about the outward appearance or layout. It is typical of any average residential suburb in America.

What is unique is the gamut of youth who abide within these units. A nucleus of American youth, ranging from pre-kindergarten age through high school and college emanate from its doors—plus one Foreign Exchange student.

Among the 62 children involved, every class level in the school system is attended by one or more of the group.

What a spot for some inquiring reporter bent on polling the opinion of American youth on some debatable issue such as: "Is Rock 'n Roll music?"

Personnel Clarifies Comp Time Rules

To clarify the regulations regarding the earnings and granting of compensatory leave, the following information has been prepared by the Personnel Department.

Compensatory time only applies to graded employees (IVB). It does not apply to ungraded employees (per diem), since they are required to be paid overtime for all overtime work.

Graded employees whose basic pay is at or below the maximum rate for grade GS-9 (\$7,425), have a right to choose between overtime pay and compensatory time off for irregular or occasional overtime work.

Graded employees whose basic pay is above the maximum rate of grade GS-9 (\$7,425) have no right of choice between overtime pay and compensatory time off for irregular or occasional overtime work. For these employees the decision is the responsibility of cognizant management.

Compensatory time is earned and granted at the rate of one hour off for each hour of overtime that is compensable.

The maximum number of hours of compensatory time that an employee may accumulate is 80. After 80 hours have been accumulated the employee will be paid at the appropriate rate of overtime pay.

Employees are expected to take compensatory time off at the earliest opportunity, normally within 30 days.

Compensatory time earned during the last 30 days of the leave year may be carried over into the following leave year. In addition, only compensatory time which has been requested but has not been granted may be carried over into the following leave year. The maximum amount of compensatory time that may be carried over into the new leave year is 80 hours.

Compensatory time shall be granted at the earliest practical opportunity. Normally, compensatory time off will be granted before annual leave is granted.

In case of transfer or separation of an employee, the effective date will be extended to include compensatory time due or, if this is impracticable, the employee will be paid overtime pay in lieu of compensatory time.

Promotional Opportunities

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

Supv. Electronic Engineer (Instrumentation) GS-13, Code 4031. As head of branch, plans and conducts programs for the design, development and evaluation of guided and unguided special and conventional weapons.

File application for above position with Pat Dettling, Room 34, Personnel Bldg., Ext. 72032.

Supv. Tab. Equip. Operator, GS-9, PD 18379, Code 1764. Is responsible for establishing work and equipment schedules for data processing equipment and for supervision and assignment of personnel to equipment operation.

Card Punch Operator, GS-3, PD 184663, Code 1764. Operates keyboard equipped key punch and varying machines to record and verify data on tabulating cards. May operate other tabulating equipment.

Tab. Equipment Operator, GS-3, PD 18472-1, Code 1764. Operates electronic accounting machine printers, summary punches, collators, sorters and interpreters in processes reports, payroll, checks, pay accounts and data for special programs.

File applications for above positions with Dixie Shanahan, Room 26, Personnel Bldg., Ext. 72676.

Physicist, Code 501. Interest in nucleation and crystal growth. Desire to learn the techniques used in electron microscopy and electron diffraction. Prefer candidates with Masters degrees.

File application for above position with Pat Gault, Room 31, Personnel Bldg., Ext. 71393.

Other Federal Opportunities Supervisory Physicist (General) GS-15. Position located in directorate of ballistics. Incumbent must be a recognized scientific authority on air force ballistics and will serve as Technical Advisor to military director. Will perform or direct basic and applied research to extend the scope of knowledge in the fields of exterior and terminal ballistics. Applications will be accepted by Director of Civilian Personnel, Attn: PGPCB, Elgin AFB, Florida, Sept. 12.

Supervisory Facilities Classification Specialist, GS-221-13, Norfolk, Virginia. Send SF-57

Sports Slants

By Chuck Mangold, Athletic Director



JUNIOR GOLFERS—Their faces bathed in smiles of accomplishment, these young golfers exhibit their newly-won trophies. Shown, front row (l-r) are: Paul Stewart, Pat Mead, Bobby Jones, and Bobby Sorge. Back row: Mike Mead, John Trigg, Danny Hogue, Dwight Morgan, and Richard Mead. The Club Championship was won by Butch Grell (not shown) with low net in the final tourney.

The Station football team opens the season Saturday night, September 17, against the Arizona State College at Flagstaff. In preparation for this game, the Station team held scrimmage practice over the Labor Day weekend.

Practice sessions are held each Monday through Friday nights and Saturday mornings at 9 a.m. at Schoeffel Field. With the tough schedule ahead Coaches Lt. Joe Brookman, Lt. Bill Reilly, Lt. Alex Lee and Lt. J. G. McCann welcome all military personnel to join in the workouts. The football schedule for the coming season is as follows: Sept. 17—At Arizona State College; Sept. 24—At El Toro Marines; Oct. 1—Seal Beach Navy—at NOTS; Oct. 8—At Chino Institute; Oct. 15—At University of Calif., Riverside; Oct. 22—At Pacific College, Los Angeles; Oct. 30—At Valley All Stars, Van Nuys; Nov. 5—At Chino Institute; Nov. 12—At Seal Beach Navy; Nov. 19—El Toro Marines—at NOTS; Nov. 26—Edwards A.F. Base—at NOTS.

Home games will be played at Kelly Field with a 1 p.m. starting time. The third annual United Fund game will be held Saturday afternoon, Nov. 19 against the El Toro Marines.

Junior Golfers Assoc. The junior set completed their two-month instruction and tournament series last Friday. Receiving trophies for the various standings were: 1st Blind Bogey—John Trigg, 2nd Blind Bogey—Bobby Sorge, and 3rd Blind Bogey—Pat Mead. In the Ladder Tournament, 1st place was won by Richard Mead, 2nd by Danny Hogue, and 3rd by Dwight Morgan. Most improved player for the season was John Trigg, and Bobby Jones walked away with the top award in the

Station gear equipment issue room, located just north of the tennis courts, is open each weekday from 9 a.m. to 5 p.m. Equipment and athletic gear is available for checkout to military personnel and organized civilian teams. Camping gear available includes: sleeping bags, stoves, lanterns and ice chests. Fresh water rods and reels are also available for checkout to military personnel.

Boxing All military personnel interested in taking boxing lessons are invited to participate in these sessions free of charge by Bernie Locker each weekday from 4:30 to 6:30 p.m. at the Station Gym.

***** THE ROCKETEER OFFICIAL WEEKLY PUBLICATION of the U.S. NAVAL ORDNANCE TEST STATION China Lake, Calif. Captain W. W. Hollister, USN Station Commander *****

Editor: Budd Gott; Assoc. Editor: Phyllis Wair; Staff Writer: "Tony" Gaff; Photographer: Don Egbert, PHAN; Department: Art Illustration by Technical Information Office, Housing Building 33; Telephone: 71354, 71655, 72092.

DEADLINES: News Stories: Tues., 4:30 p.m.; Photographs: Tues., 11:30 a.m.

PASADENA Correspondent: Nova Semeyn; Phone Ext. 482; Shav Mosen, A. E. Block, D. Sanchez, Photographers.

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News From Pasadena

Lawrence Returns From War College

Returning to the Weapons Planning Group, Code P129, next week after a year's absence is Bruce E. Lawrence. Lawrence left the Station last September on detachment to the newly-established Naval Long Range Studies Project Group at the Naval War College, Newport, Rhode Island.

The group had been formed as an aid to the Office of Naval Operations for "forecasting the requirements of the Operating Forces of the Navy for equipment, materiel, personnel, and supporting services."

Lawrence, a physicist, is a Station employee of 13 years, six at Pasadena. His wife, Beverly Jane, and their two children have made their home with him in Newport for the past year. On returning, they will resume residence at 73 Virginia Drive, Arcadia.

Chairman Named

Noon Shows For September Told

Mickey Eppard, a secretary in the Underwater Ordnance Department, has been named Chairman of the ESO-sponsored weekly noon-time entertainment program. She relieves Fred Eaton who has been in charge of the shows for the past three years.

Programs are scheduled at 12 Noon each Wednesday in the large conference room, Building 7. After showing at Foothill on Wednesday, the films are sent to Morris Dam for a Thursday showing.

Employees having suggestions for programs or having films or slides to show should contact Mrs. Eppard on Ext. 156. The following are scheduled for September:

September 7—Forgotten Ore of Eagle Mountain, a film.

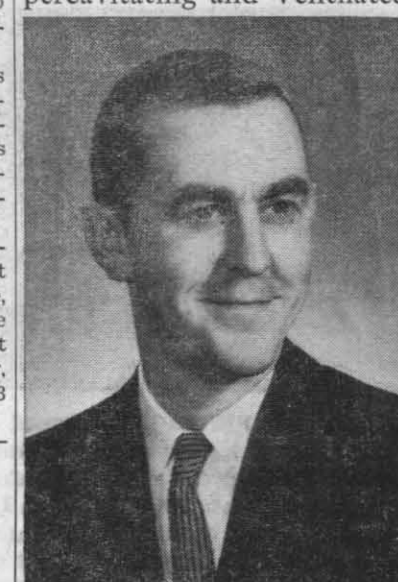
September 14—Colored slides of Hawaii will be shown by Winnie Hayes. Included in her slides are some interesting shots of damage caused by the May Tidal wave. The Morris Dam program that week will be a film, "Sutton Road."

September 21—"The Beginning," a film telling the story of the beginning of Grand Canyon.

September 28—A story of "Early California" will be presented via movies. It will be narrated by a representative of Title Insurance and Trust Company from whom the film is borrowed.

Hoyt To Attend European Conventions, Will Present Paper at One in Paris

Jack W. Hoyt, Head of UOD's Propulsion Division, leaves this week for Paris where he will present a paper to the Ninth International Towing Tank Conference. Jack's talk will be on "A New Test Facility for the Study of Supercavitating and Ventilated-Flow Propellers."



Jack W. Hoyt

Representatives of 23 nations are scheduled to attend the conference, including several from behind the Iron Curtain.

Hoyt's paper is on the application of the underwater cableway at Morris Dam in studying ventilated propellers. He will present some results of recent high-speed tests using these propellers on the cableway.

Following the conference in Paris, he will go to The Hague, Holland, where he will attend an Office of Naval Research-sponsored Third Symposium on Naval Hydrodynamics. While in England, visits are planned to several government laboratories. In the course of doing this, he will see persons who have toured here in the past including A. Silverleaf of the National Physical Laboratory, Feltham; Dr. James King of the Admiralty Research Laboratory, Teddington; and I. Fagelston of the Underwater Weapons Establishment, Portsmouth.

Jack will return to the Station about October 1 after a brief stop in Washington, D.C.

With NOTS for 12 1/2 years, Jack is a graduate of Illinois Institute of Technology and UCLA with an M.S. degree in Engineering. He has been advanced to candidacy for the Ph.D. in Engineering at UCLA.

Stewart Airlines Gets NOTS Flying Contract

Contract for plane services between Long Beach and San Clemente Island was recently awarded to Stewart Airlines, according to Supply Department officials. These services have been performed by Avalon Transport Company for the past two years.

The contract is awarded annually on the basis of closed bids. Stewart, beginning operations on September 1, files out of Long Beach Municipal Airport on the same schedule as previously run by Avalon.

Coffee Port Is Slated For FM Says ESO

An expenditure of about \$125 has been approved by the Employees Service Organization for the purchase of an FM tuner for the Coffee Port.

The Council also approved at their last meeting an expenditure of \$200 for an accordion type door to be installed between the supply and cooking areas, and awnings for the north side of the Coffee Port similar to those presently in use.

Survey Made Of Interest In Tour Through Palomar

Lynn Jordan, Chairman of ESO-sponsored tours, is surveying interest in a trip to Mount Palomar, near San Diego. Proposed date of the trip is Sunday, September 25. Persons who would be interested in the all-day outing are asked to call Miss Jordan, Ext. 272.

The trip will be made by air conditioned bus which has reclining seats. It is planned for everyone to take picnic-type lunches and the group would have lunch at a state park near the observatory.

Included would be a tour of the observatory museum, a view of the 200-inch telescope, and demonstration of an 18-inch telescope. Cost of the round-trip would amount to \$3.50 per person.

Pasadenans Leave Today for Hawaii

Eighteen members of the NOTS Overseas Club leave today on a two-week Hawaiian holiday. The first week will be spent in Honolulu at the Waikiki Beach area. During the second week, several members of the party will tour outer Islands.

Pasadenans on the trip include Lloyd Bierer of Weapons Planning; Aline Cummins of Supply; Leif Larsen of Administration and his wife, Vivian; Nova and Leonard Semeyn, Administration and Range Branch respectively; and Joseph Taber of the Range Branch and his wife, Doris.

Bierer will be accompanied on the trip by his mother, father, and a brother who is on leave from the AF Force. Other members of the party are from the China Lake area.

The group leaves at 2 p.m. today via jet from LA International Airport. They will return September 23.

Bill Macy, Test Range Equipment Repairman, in the Range Branch at Morris Dam, has received a Benny Sugg award of \$150. The suggestion concerned a "recovery marker (buoy)," and effects an estimated annual saving of \$5000.

The marker, small in size, may be used when making either air drops or surface-launched shots to locate the spot where the unit enters the water, making it easier for divers to locate the unit. Light in weight, the marker costs about one dollar.



TOES INTACT—Bauer O. Brown, GMI, assigned to the Explosives Ordnance Disposal Group at Area R, shows his damaged shoe to Paul Power, safety specialist in the Safety Office. While unloading a shipment of Marston matting, a 75-pound strip fell off the vehicle and dropped on Brown's foot, cutting the leather on the toe of his safety shoe. The weight, coupled with the sharpness of the 10-foot matting, would have easily sliced into a conventional shoe.

What's Doing IN RECREATION

By Jean Cone, Recreation Director

The next adult Station dance will be on Friday, September 16, in the Community Center. The popular "Mello-tones" from March Air Force Base will be here with their distinctive dance arrangements. That famous Mexican comedian, Gonzales-Gonzales, will also be here on the 16th which means lots of laughs and good entertainment.

Reservations for groups of eight or more are being taken at the Community Center receptionist counter, Ext. 72010. All Station personnel 21 years old and over are invited. Dancing starts at 9 p.m. Women are admitted free, admission for men is \$1.

Desertaires Activities The club for single folks 21 and over, the Desertaires, has planned two events for this weekend. The first will be Friday, September 9, when they sponsor a dinner-dance in the Community Center lounge. A spaghetti dinner will be served from 6:30-7:30 p.m. with dancing at 8 p.m. Tickets will be available at the door. For dinner and dancing the tickets will be \$2 per person or if you prefer to come for dancing only, it will be \$1.

On Saturday, September 10, the group will have a swim and eat party at the Trona pool. Each person is to bring their own meat, cutlery, and cup. The Saturday night party starts at 6 p.m.

All single people 21 and over, military and civilian, are invited to participate in all Desertaires activities. For further information on this weekend event or future meetings call Glennrose Symington, Ext. 72822 or 725462, or Carmen Burkhalter, Ext. 72062.

Premiere Discount Coupons Special discount coupons have been received for the American premiere of "A Taste of Honey" which is currently playing at the Biltmore Theatre in Los Angeles. With these coupons a discount of \$1.50 on any orchestra or first balcony seat will be given for performances on September 9, 12, 13, 14, and 15. Joan Plowright and Angela Lansbury star in this play. These discount coupons are available at the Community Center.

HEBREW CONGREGATION will hold their first service of the season today at 8:15 p.m. in the east wing chapel. Student Rabbi Herbert Baum chose for his topic "Separate Not Thyself." Registration for Sabbath School will take place tomorrow at 10 a.m.

AACW International Relations Group will hear Nan Krueger speak on "Refugee Problem Today" at 8 p.m. next Thursday, September 15, at the Harriet Phillips residence, 242 Brona.

ENOC II-1 will hold its next meeting Wednesday, September 14, at 7:30 p.m. in Conference Room A of Michelson Lab. Cdr. W. R. Eason, NOTS AF Weapons Officer, will discuss Carrier All-Weather Operations in the Pacific Area.

SHOWBOAT

TODAY "HOUSE OF USHER" (78 Min.) Vincent Price, Myrna Loy 6 and 8 p.m.

(Horror) Edgar Allan Poe tells of a man who goes to visit his fiancée but is not welcome in her home. When he finally sees her, she acts strange and "accidents" befall him. This is an off-beat gory tale for the rugged. Adults - Young People SHORTS: "Hot Reel" (10 Min.) AFISM No. 578 (14 Min.)

SAT. MATINEE "SMILEY" (97 Min.) Ralph Richardson 1 p.m.

SHORTS: "Good Deed Daily" (7 Min.) "Zorro's Fighting Legion" No. 12 (17 Min.) EVENING "SIGN OF ZORRO" (90 Min.) Guy Williams, Gene Sheldon 7 p.m.

(Western) Walt Disney presents the fabled tale of a young man who returns from schooling to learn his family and friends are ruled by tyrants. He acts a weekling by day and a "Robinhood" by night. Adults - Young People SHORTS: "They're Off" (7 Min.) "Backwoods Bunny" (7 Min.)

SUN.-MON. "THUNDER IN CAROLINA" (92 Min.) Rory Calhoun, Alan Hale, Connie Hines 7 p.m.

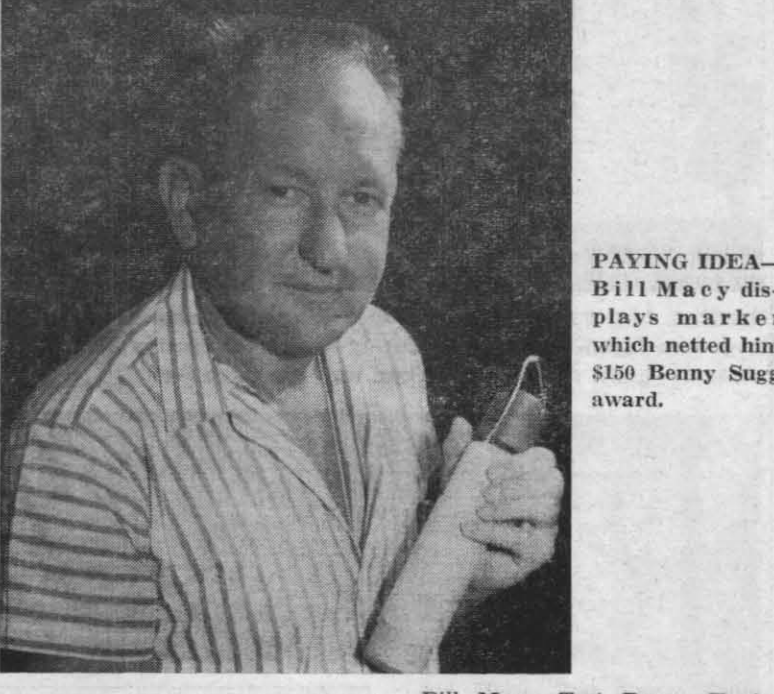
(Race Drama) Former moonshine runner becomes good stock car racer. He teaches his friends and family the joys of racing and eventually has to vie against him. Filmed at the actional southern 500—the "Little In-dianapolis." Thrills galore—in color. Adults - Young People SHORTS: "Mice Follies" (7 Min.) "This is Finland" (9 Min.)

TUES.-WED. "HELL TO ETERNITY" (132 Min.) Jeffrey Hunter, David Janssen, Vic Damone 6 and 8:15 p.m.

(War Drama) Don't miss this most ribald and hilarious yet dramatically gung-ho film of the decade. Marine "Boots" raised by Japanese captives during the battle of Saipan. Here is raw, bloody war-time realism with tender human emotion and the spiciest party ever filmed. Adults only THURS.-FRI. "AROUND THE WORLD IN 80 DAYS" (180 Min.) David Niven, Shirley Maclaine 6 and 9 p.m.

(Comedy Drama) Phileas Fogg bets his club members he can circumvent the world in 80 days (1872). His delightful fun in accomplishing the task results in a tremendously lavish film that's bound to please everyone. You can enjoy this again, and again. Adults - Young People

Beneficial Suggestion Nets \$150 Award



PAYING IDEA—Bill Macy displays marker which netted him \$150 Benny Sugg award.

Bill Macy, Test Range Equipment Repairman, in the Range Branch at Morris Dam, has received a Benny Sugg award of \$150. The suggestion concerned a "recovery marker (buoy)," and effects an estimated annual saving of \$5000.

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The reason worry kills more people than work is that more people worry than work.

