

Engineering Awards



GAIN SPECIAL RECOGNITION—Engineering department employees receiving Superior Accomplishment Awards for outstanding performance are pictured here. Each one is a recipient of a check for \$200 and a certificate of commendation. Kneeling are Albert Cram and Percy Read. In the second row (l. to r.) are Marjory McCoy, Lois Pinkerton and Loren Corsini. Engineering personnel in the third row (l. to r.) are Lawrence Hahn, Ernest Cozens, Irwin Brewer and John Harn. Department head K. H. Booty (at right) congratulates the group for their achievements.



ENGINEERING OLD TIMERS—Ernest Burris (left, front row) tells fellow engineering department employees of experiences at NOTS. The group has a NOTS tenure record of 90 years service. In the front row with Burris are Wallace Knoblauch (center) and Albert Cram—all 20-year pin holders. In the back row are 10-year pin holders Eldon Shepherd, Frank Bartos and Homer Leslie.



TWO CENTURIES AND THREE DECADES—Shown above are thirty of forty-six engineering department employees receiving five year service pins this week. The forty-six employees' combined service represents two centuries and three decades. (See story below.)

Five-Year Pins Presented in Engineering

Forty-six engineering department employees received five year service pins this week. The pins were presented by Department Head K. H. Booty. Recipients were: Frank Bartos, Fred Bechtold, Jacob Bent, Andrew J. Bergens, William P. Boyd, Jr., Samuel C. Brandt, George W. Cheney, Roy W. Conover, Ernest G. Cozens, Charles W. Craig, James T. Dobbie, Milton H. Egley, Eugene Foust, Roy J. Gerard, Louis R. Gilpatrick, W. W. Griffith, Lawrence J. Hahn, Pauline Hardin, Robert M. Hardin, John M. Harn, George O. Holland, Frankie M. Janeway, Colburn L. Ingle, Aaron L. Kane, John O. Lindquist, B. A. Miller, Paul P. Mitchell, Peter Mosto, K. C. Morash, James Munyon, John C. Myers, R. D. Potter, David L. Pruitt, Frank Ptacnik, Bernice Shepherd, Jesse G. South, John P. Stathers, Louis Thomas, G. W. Wells, Luther K. Roberts, Viola Utterbach, Byron D. Rogers, Robert A. Weinhardt, J. M. Winward and M. R. Wolfson.

Chemical Unit Slates Lecture By Dr. Linnett

Dr. J. W. Linnett of The Queen's College, Oxford University, will be the guest speaker at the Mohave Desert Section of the American Chemical Society's first fall meeting, next Monday evening at 8 o'clock. Dr. Linnett will speak on the subject "Electron Correlation and Valency."

A dinner is scheduled for 6:30 p.m. and reservations may be made today by calling Dr. William Finnegan at extension 72831, or Dr. Justo Bravo at American Potash & Chemical Company in Trona.

Local section officers for 1956-1957 include: Dr. Donald Villars, China Lake, chairman; George Adam, Trona, chairman-elect; Dr. Charles Thelen, China Lake, secretary; Dean Couch, China Lake, treasurer; Dr. John Shenk, China Lake, counselor; and James Wiseman, Westend, alternate counselor.

Women Organizing 'Bowling League'

China Lake Women's Bowling League will hold its fall organization meeting on September 5 at 7:30 p.m. in the Community Center. Teams for the 1956-1957 bowling season will be determined in addition to the preparation of league by-laws.

The league is particularly interested in having new bowlers. A handicap system will be used, therefore, a beginning bowler is not a handicap to the team, in fact, the low average bowler may be an asset to a team. For this reason it is hoped, said league president, Carol Smith, that new bowlers will attend the meeting and join one of the teams which will be established at that time.

League bowling will begin on September 19 at the Station civilian bowling alleys and will continue each Wednesday throughout the bowling season, which ends early in April. For further information call Carol Smith at extension 77232.

Safety First

SACRAMENTO—"Speed control is vital to car control." This statement was made today by California Highway Patrol Commissioner B. R. Caldwell as plans were made to cooperate this summer on California streets and highways.

"Slow drivers as well as fast drivers are responsible for a large number of traffic accidents each year," Caldwell said. "We can eliminate these accidents by always driving within the lawful speed for the area traversed. This means keeping the car under full control at all times through safe and sane speeds and alertness to all other traffic rules. Our enforcement action will cover all violations, but special emphasis will continue to be placed on violations of the speed laws including those against slow driving."



EXCEPTIONAL ABILITY—James Craig, inspector of ordnance machinery parts in the engineering department, is the recipient of a Superior Accomplishment Award certificate and a check for \$200. The award is based on work he performed in a manner far above and beyond that expected of him.

Football Practice Sessions Will Open Pigskin Parade

Football for 1956 at Sherman E. Burroughs High School will begin with practice sessions on Monday, September 3 at 10 in the morning it was announced yesterday by football coach Rod O'Meara. Uniforms will be checked out for all those trying out for the varsity squad next Thursday and Friday from 9 to 11 and 1 to 2:30, Coach O'Meara stated.

Varsity hopefuls must have physical examinations prior to checking out uniforms. Coach O'Meara said the high school will pay for the examinations which will be held Wednesday, August 29 at the Ridgecrest hospital at 1:30 in the afternoon. Navy dependents can get physical examinations at the Station hospital, but must first get a form from Coach O'Meara. Examinations at the Station hospital must be made before August 29.

Returning lettermen, reserves and others of last year's "B" team must get their physical examinations at 2:30 at the Ridgecrest hospital on Wednesday the 29th. No definite date for beginning practice sessions for the "B" squad has been set, according to Wesley Anderson, athletic director at Burroughs. Anderson said new students at Burroughs who wish to try out for the "B" squad will get their physical examinations at a date to be announced later.

Returning Varsity Lettermen
Varsity lettermen returning this year are: Jack Butler, Joel Christie, Dee Davis, William Davis, Larry Jeffries, Gary Koehler, Mike Ross, Bob Short and Roger Short. Varsity reserves returning from last year are: Jim Adamson, Willie Carr, Mike Casad, Don Cobb, John Harris, Nate Spooner and Tommy Vick.

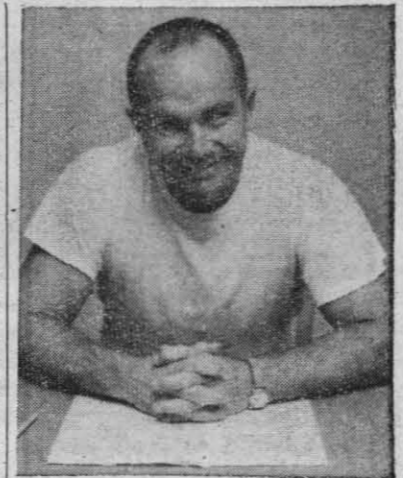
Last year's "B" squad members hoping to make the varsity team this year who will try out are: Walter Barra, Douglas Chartier, Gordon La Combe, Jim Morris, Terry Murray, Richard Myers, Gerald Senn, Tom Stokes and Gary Jacobs. All of these hopefuls received letters on the "B" squad last year. "B" team reserves for 1955 who probably will return for "B" squad play this year are: Charles Brassell, Jerry Lloyd, Gary Miller, Ronald New, Jim Powers, Bennett Sturgeon and John Wadell. All of these men received certificates in 1955.

Coach's Personal Invitation
Coach O'Meara extended a personal invitation to all young men interested in playing football to "try out and that every one will be considered on a basis of individual ability and stamina." He urged all hopefuls to begin getting in shape for practice sessions by doing different exercises, running, throwing the ball, kicking the ball, etc.

O'Meara announced that nine varsity games and nine "B" squad games had been tentatively scheduled. The varsity schedule for Friday is as follows: Burroughs at East Bakersfield, Saturday, Sept. 22 at 2:30 p.m.; North High of Bakersfield at Burroughs, Friday, Sept. 28 at 8 p.m.; Mojave at Burroughs, Friday, October 5 at 8 p.m.; Burroughs at Victor Valley, Friday, October 12 at 8 p.m.; Burroughs at Lone Pine, Saturday, October 20 at 2 p.m.; Burroughs at Desert (Edwards Air Force Base), Friday, October 26 at 8 p.m.; Barstow at Burroughs, Friday, November 2 at 8 p.m.; Bishop at Burroughs, Friday, November 9 at 8 p.m.; and Burroughs at Trona, Saturday, November 17 at 2 p.m.

The Burroughs "B" squad schedule is as yet incomplete but proposed as follows: Friday, September 21, open; North High at Burroughs, Friday, September 28 at 6 p.m.; Burroughs at Kernville, Friday, October 5 at 2:30 p.m.; Victor Valley at Burroughs, Saturday, October 13 at 8 p.m.; Randsburg at Burroughs, Friday, October 19 at 8 p.m.; Saturday, October 27, open; Burroughs at Barstow, Saturday, November 3 at 8 p.m.; Burroughs at Bishop, Saturday, November 10 at 2 p.m.; and Burroughs at Trona, Friday, November 16 at 8 p.m.

Tough Schedule
In discussing this year's team and the schedule Coach O'Meara did not appear optimistic, but indicated a belief that Burroughs had a fair chance this fall. He pointed out that several of last year's lettermen would not be back and that most of the league's teams would be highly improved over last year. "Compe-



titution will be kept and the schedule tough," O'Meara said. Football players or fans desiring further information may contact Coach O'Meara at the high school on extension 72921 or at his home on extension 76984.

Job Opportunities

Administrative assistant, GS-8. The position is that of head, distribution staff, technical information department. The function is the distribution of technical publications for the Station. Position duties are: development of Station guidelines and procedures for distribution of NOTS technical publications; review of requests for new lists or changes thereto prior to final approval; coordination of departmental recommendations (advisory and regulatory action required) to assure acceptability of proposals on the basis of inclusions and exclusions, security, etc.; administration of distribution staff and control procedures.

Persons desiring consideration for this vacancy should call extension 71393 or 71648.

Coming & Going

New Employees:

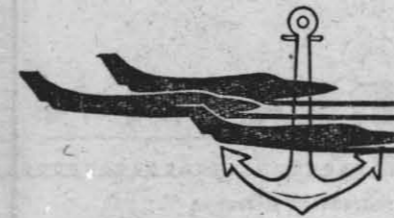
Aviation ordnance—Fred I. Kenoyama.
Propellants and explosives—George A. Kinkel, Horace D. Stanton.
Rocket development—James M. McKay.
Central staff—Sandra J. Lathrop, Marlene L. Haney, Marjorie B. Reed.
Public works—Joseph J. Rowett.
Test—June L. Nelson, Frederick R. Kowallis.
Command Administration—Elizabeth A. Adams.

Terminations:

Research—Robert Kallo, James A. Happe (LWOP), Maurine A. Steiner.
Supply—Beverly J. O'Neill.
Propellants and explosives—Irma A. Harrison, Juanita Patterson.
Public works—Evelyn M. Marsden, John P. Chiolero, Margaret E. Cartwright, Carl Shaw.
Test—David L. Ramsey (LWOP).
Community affairs—Beverly A. Reynolds.
Central staff—Voris Ewing.

Federal Social Security Law Questions To Be Answered

NOTS personnel having questions to ask about Federal Social Security or who wish to file a claim under this program may do so at the main gate (security office) next Tuesday. A representative of the Bakersfield district office will be here between 8:30 a.m. and 2:30 p.m. to explain the program and to answer questions. This service is extended to NOTS personnel on the fourth Tuesday of every month.



ROCKETEER



CONGRATULATIONS EXTENDED—Five command administration employees receive congratulations and checks from Department Head Cdr. F. R. Whitty (second from right) for their work within the department. Whitties (l. to r.) and their awards are: William La Combe, \$45 in Benny Suggs; Florence Joles, \$200 Superior Performance Award; Irene Holl, \$200 Superior Performance Award; Alice Floyd, \$200 Superior Performance Award, and Jeanette Erdman, a \$65 additional award to a previously granted Superior Achievement Award.

Eminent British Scientists Will Lecture Here

Five eminent British scientists will deliver technical lectures at Michelson laboratory next week. They are: Dr. J. W. Linnett of The Queen's College, Oxford; Dr. F. J. Weinberg, Dr. Charles Cullis, Dr. A. G. Gaydon, F.R.S., and Mr. N. P. W. Moore, all of Imperial College, London.

Dr. Linnett will give two lectures. The first on Monday at 1 p.m. on "Recombinations of Oxygen Atoms on Surfaces." The second on Tuesday at 1 p.m. covering "Oxidation of Carbon Monoxide."

Dr. Weinberg will lecture Thursday at 10 a.m. on "The Application of Optical Methods to Combustion Research." A short discussion period will follow the lecture. At its conclusion, Dr. Charles Cullis will lecture on "The Slow Combustion of Some Compounds." A discussion period will also follow his lecture.

Dr. Gaydon will lecture Friday at 10 a.m. on "Recent Developments in Techniques Relating to Flame Spectroscopy." A discussion period will follow the lecture. Moore will lecture, at the conclusion of the discussion period, on "Studies of Cool Flames and Pre-Ignition Glow." He will answer questions at the conclusion of his lecture.

The lectures will be held in conference room 2067 and all interested personnel are urged to attend.

Softball Playoffs Begin Monday

Playoffs for the NOTS intramural league softball championship will take place next Monday, Tuesday and Wednesday nights, it was announced today by Athletic Officer Lt. (jg) J. C. Alex. The two teams competing for the title will be the Pilot Plant, winner of the first and second halves of the intramural league, and Public Works, runner-up in the first and second halves.

Games will start promptly at 8 p.m. on the beer-lut diamond and shall be played under regular season rules. Seven innings will constitute a game providing no team is ahead by 10 runs or more at the end of the fourth inning.

Should either team win two straight games, no contest will be played Wednesday as it is a two-out-of-three playoff. Both teams will be presented trophies at the conclusion of the series. The trophies will be presented by Commander J. M. Shea, chairman of the Joint Civilian-Military Recreation Council. He will be introduced by Athletic Officer Alex.

Sports fans are urged to turn out for the playoffs and root for their favorite team. No admission charge will be made.

Top Chucker



ALL-STAR—Rocket hurler Jim Tormina has been chosen as a first string all-star pitcher for the Mojave Desert Inter-Service League. He will pitch against the league winner—Barstow Marines.

Begin Fall Semester Enrollments Monday

The fall semester preliminary registration for adult education classes will be held at the Burroughs High School library from 7 to 9 p.m., August 27-28-29-30. This pre-registration of students is a survey to determine the demand for classes which are being offered by Burroughs Evening High School and Bakersfield College during the next semester. Classes without enough enrollment will be dropped from the schedule.

Persons interested in completing work for a high school diploma who have not made a formal application should contact the adult education office in order to have their records compiled and arrange a schedule to include the necessary courses required for a high school diploma. High school English and history requirements may be fulfilled by taking the Bakersfield College English X and history 17a classes. Phone 72019 for appointments.

College students who intend to enroll in English 1a-1b or speech 1a are required to pass the English classification exam, which will be given at seven o'clock, Wednesday evening, August 23, in room 2 at Burroughs High School, or to have passed English X with at least a C average.

The Veterans Administration has approved Bakersfield College as a training facility. Information concerning entitlement may be obtained by contacting Will Challis at the county building in Ridgecrest. Veterans who do use their entitlement should report to Peggy Lou Powell at the education office to complete certification of enrollment forms.

Navy Sponsors Series of Books About 'WW II'

The Navy Department is sponsoring a series of books, "History of U.S. Naval Operations in World War II," by Samuel Eliot Morison. There are 10 books in the series and all are available now at the Station library. Sponsorship by the Navy is for the purpose of emphasizing the desirability of promoting a more comprehensive understanding of the work of the United States Navy in World War II.

The Chief of Naval Operations urges all officers and enlisted men to read the series. General reception of the series by the naval service and by the public has been most gratifying, Navy Department officials report.

NOTS personnel, civilian or military, may call for these books at the Station library, the list of volumes is as follows:

- The Battle of the Atlantic, Sept. 1939 - May 1943.
- Operations in North African waters, Oct. 1942-June 1943.
- The Rising Sun in the Pacific, 1931 - April 1942.
- Coral Sea, Midway and Submarine Actions, May - Aug. 1942.
- The Struggle for Guadalcanal, Aug. 1942 - Feb. 1943.
- Breaking the Bismarck Barrier, 22 July 1943 - 1 May 1944.
- Aleutians, Gilberts and Marshalls, June 1942 - April 1944.
- New Guinea and the Marianas, Mar. - Aug. 1944.
- Sicily, Salerno, Anzio, Jan. 1943 - June 1944.
- The Atlantic Battle Won, May 1943 - May 1945.
- In addition to the "History of United States Naval Operations in World War II" series listed above, the following volumes are now scheduled for publication and will be available here in the near future:
 - The Invasion of France, 1944.
 - Leyte, 1944.
 - The Liberation of the Philippines, 1945.
 - The Liquidation of the Japanese Empire, 1945.

NOTS personnel wishing to purchase copies of this series may do so at most book stores. The series is published by Little, Brown and Company, Boston, Mass. The price of each volume is \$6.

Residents Invited On Arm Chair Tour

Station residents will be offered a free tour of Holland, Germany, Switzerland, Austria, Italy, France and England next Tuesday, August 23, via colored slides, the NOTS Overseas Club announces. The slides will be shown by Irene McBride and Earle Eccleston at 7:45 p.m. in the Community Center.

Club members believe that the slides will prove interesting to the experienced traveler, the first-time tourist, or the reader who loves to dream of far-off lands. The public is cordially invited to take this "arm chair" tour of the seven foreign countries, covered by the Overseas Club this spring.

William Fisher Leaves NOTS After 11 Years

Completing 11 years of employment at NOTS as a technical editor, William Fisher of the editorial branch, publishing division, technical information department, leaves today to accept a job with Marquardt Aircraft Company in San Fernando, California. Fisher has been active in many China Lake community programs, but is probably most well known for his activities with the China Lake Play-ers.

Wife Georgia, son Stevie and daughter Frances will join Fisher next week at their new home at 17440 Covello, Reseda.



ACT OF HEROISM—A. B. Christman (left) is shown being congratulated by Captain F. A. Chenault, executive officer, upon receiving a "Superior Accomplishment Award for a Special Act." (See story below.)

'Heroic Act' Earns Employee Praise, Special Recognition

A. B. Christman, head of the development branch, presentations division, technical information department, this week, was presented a "Superior Accomplishment Award for a Special Act" by Captain F. A. Chenault, executive officer. The award was given to Christman for his quick thinking and courageous action when he endangered his own life in an attempt to help a fellow employee.

Christman's act of heroism took place on May 7 when he observed a truck, with the driver slumped at the wheel, heading for a building. He dropped the material he was carrying and without concern for his personal safety raced to the truck, leaped on the running board and steered it away from a lamp post, bringing it to a stop within a few feet of the building.

A witness reported that Christman could have been mashed between the light post and the side of the truck if he had not been successful in changing the truck's course.

The Naval Ammunition Depot, McAlester, Oklahoma, implemented a conservation program following the Bureau of Ordnance policy and received national recognition for their efforts. Their program resulted in converting an area that was practically devoid of wildlife into a game sanctuary. The presence of this sanctuary has gradually resulted in the restocking of the area surrounding the depot.

Capt. Carrithers was instrumental in establishing the McAlester program. At that time he was serving in Washington with the Bureau of Ordnance and was given the opportunity to assist in setting up the wildlife conservation program at the Naval Ammunition Depot. Capt. Carrithers says he received whole-hearted support from all sportsmen in the McAlester area.

The local Council has hopes of establishing such a program here in the future. At present the Council is considering certain recommendations from the Fish and Wildlife Service of the U. S. Department of the Interior for improving certain areas of the Station to encourage chukar and quail wildlife. One of the recommendations which the Council will consider is the seeding of seepage pools to wild millet for duck feeding.

Council Fund Drive Falls Short; Nets Only \$391

The recent campaign to solicit funds from China Lake citizens for financing activities of the Community Council fell short of expectations, according to a report by Henry Nowak, council treasurer. The total amount collected was \$391.

"Council directors, however, wish to express their sincere appreciation to all who contributed and to those who helped with the solicitations," said Council President James Madden.

Form Council To Carry Out Wildlife Policy

A Wildlife Conservation Council was formed this week to serve the Station. Members of the Council are: Captain George H. Carrithers, Commander Frank R. Whitty Jr., Commander Edward V. Horne, Lieutenant Colonel Henry V. Joslin and Sewell "Pop" Lofinck.

The purpose of the Council will be to assist and make recommendations to help carry out the wildlife conservation policy of the Bureau of Ordnance for Naval Ordnance Shore Establishment activities as it applies to the Station. The policy embraces a conservation program organized with the guidance of the regional director, Fish and Wildlife Service of the Department of the Interior, and the assistance of State wildlife officials. Of interest in this connection is the fact that hunting on this Station has been prohibited for the past two years. During this period the Station has been cooperating with State Fish and Game Commission officials by permitting the harvesting of surplus chukar and partridge for transplanting in other areas. This has been done on a limited basis so as not to interfere with the operational program.

The Naval Ammunition Depot, McAlester, Oklahoma, implemented a conservation program following the Bureau of Ordnance policy and received national recognition for their efforts. Their program resulted in converting an area that was practically devoid of wildlife into a game sanctuary. The presence of this sanctuary has gradually resulted in the restocking of the area surrounding the depot.

Capt. Carrithers was instrumental in establishing the McAlester program. At that time he was serving in Washington with the Bureau of Ordnance and was given the opportunity to assist in setting up the wildlife conservation program at the Naval Ammunition Depot. Capt. Carrithers says he received whole-hearted support from all sportsmen in the McAlester area.

The local Council has hopes of establishing such a program here in the future. At present the Council is considering certain recommendations from the Fish and Wildlife Service of the U. S. Department of the Interior for improving certain areas of the Station to encourage chukar and quail wildlife. One of the recommendations which the Council will consider is the seeding of seepage pools to wild millet for duck feeding.

In a recent message to Congress, President Eisenhower stated: "The Federal Government has a responsibility to manage wisely the public lands and all forests of its jurisdiction necessary in the interests of the public as a whole."

ROCKETEER
Published every Friday at the
UNITED STATES NAVAL ORDNANCE TEST STATION
CAPTAIN F. L. ASHWORTH, UNITED STATES NAVY
Commander

The Rocketeer, an authorized Navy publication is printed weekly by Hubbard Printing, Ridgecrest, Calif., with appropriated funds and in compliance with NAVEXOS P-35, Rev. November, 1945.

Phyllis Wair, Editorial Clerk; Peg Gregory, Annex Correspondent (Foothill), phone Ext. 35; Art by Illustration Group, Technical Information Department. Photography by Rocketeer Photo Staff—T. E. Long PH2; Ken Anhalt, PH2. Photographers for the Pasadena columns are—Shav Mansen, A. E. Black, and Jeanne Smith. Office Building 35, Top Deck — Telephone 71354, 72082, 71655

Registration Slated Next Week For UCLA College Program

Registration for the fall semester of UCLA graduate and extension program at NOTS will begin August 27. Students may register in room 1066, Michelson Laboratory, from 1 to 5 p.m. each working day between August 27 and September 14.

All classes begin the week of September 10. Early registration is urged, since no one can be admitted after the first meeting of a class without the presentation of a registration card or a fee receipt.

Mathematics 221A, higher algebra, will be held on Tuesdays and Thursdays from 6:30 to 8 p.m. in room 20108, Michelson Laboratory. It is a three unit course. Course fee is \$27, instructor is Dr. J. E. Maxwell.

Physics 119, Kinetic theory of matter, will be held on Mondays and Wednesdays from 4:30 to 6 p.m. in room 20108, Michelson Laboratory. It is a three unit course. Course fee is \$27, the instructor is H. R. Kelley.

Engineering 103B, intermediate fluid mechanics, will be held on Mondays and Wednesdays from 4:30 to 6 p.m. in room 2001, Michelson Laboratory. It is a three-unit course. Course fee is \$27, the instructor is H. R. Kelley.

Engineering 105B, heat transfer and thermodynamics, will be held on Tuesdays and Thursdays from 6:30 to 8 p.m. in room 1013, Michelson Laboratory. It is a three unit course. Course fee is \$27, the instructor is R. W. Van Aken.

Engineering 112C, applied electromagnetic theory, will be held on Mondays and Wednesdays from 6:30 to 8 p.m. in room 1013, Michelson Laboratory. It is a three unit course. Course fee is \$27, the instructor is C. E. Hendrix.

Engineering 198, basic magnetism, will be held on Mondays and Wednesdays from 4:30 to 6 p.m. in room 1013, Michelson Laboratory. It is a three unit course. Course fee is \$27. The instructor is M. C. Creuser.

Engineering 298, transient linear field problems, will be held on Mondays and Wednesdays from 6:30 to 8 p.m. in room 20108, Michelson Laboratory. It is a three unit course. Course fee is \$27, the instructor is Dr. J. C. Thorne.

Mathematics 124, vector analysis, will be held on Mondays and Wednesdays from 4:30 to 6 p.m. in room 2067, Michelson Laboratory. It is a three unit course. Course fee is \$27, instructor is Dr. R. G. Selfridge.

Mathematics 140, logic of application of automatic digital computers, will be held on Tuesdays and Thursdays from 6:30 to 8 p.m. in room 20108, Michelson Laboratory. It is a three unit course. Course fee is \$27, instructor is Dr. R. G. Selfridge.

German 10, elementary German for graduate students, will be held on Tuesdays and Thursdays from 4:30 to 6 p.m. in room 2067, Michelson Laboratory. It is a no credit course. Course fee is \$27, instructor is Dr. G. Leitmann.

Education 147, audio-visual education, will be held on Mondays from 6:30 to 9 p.m. in room 216, training building. It is a three unit course. Course fee is \$27, instructors are R. H. Clark Jr. and R. T. Carlisle.

Political science 183, problems in public administration, will be held on Thursdays from 6:30 to 9 p.m. in room 213, training building. It is a three unit course. Course fee is \$27, instructor is R. W. Bjorklund.

Chemistry 126A, advanced organic chemistry, will be held on Tuesdays and Thursdays from 6:30 to 8 p.m. in room 2067, Michelson Laboratory. It is a three unit course. Course fee is \$27, instructor is Dr. R. H. Boshman.

Political science 183, problems in public administration, will be held on Thursdays from 6:30 to 9 p.m. in room 213, training building. It is a three unit course. Course fee is \$27, instructor is R. W. Bjorklund.

The Distaff Side



Lillian D. Regelson, electronic scientist, head of systems research branch, aviation ordnance department is the subject for this week.

Shortly after graduation from Hunter College where she obtained her B.A. in mathematics, Lillian gave birth to her first daughter, Irene. They came to the west coast the following year to attend UCLA where she obtained her M.A. in math. Her second daughter, Elaine, was born soon afterward.

Her first position after graduation from UCLA was as mathematical analyst with Hughes Aircraft Company in Culver City. In the fall of 1951, her husband, then a meteorology student at UCLA, was recruited to come to NOTS.

After their arrival, Lillian's first job on the Station was as mathematician in the computer branch of AOD.

A year and one-half ago, she was promoted to head, fire control systems branch of AOD and was then reclassified to electronic scientist. During this time, her 10-month-old son Kenneth was born last April, she transferred to head her present newly formed branch which deals with fire control (heavy attack bombing systems).

During World War II, Lillian took aptitude tests administered by a U.S. Government employment agency and the results confirmed that physics and math were her strongest assets, but she was advised to concentrate on math. Being a woman, they said, she would have trouble finding employment outside the teaching field.

She found that job placement in the Los Angeles area was more competitive in her specialized field, but she claims that her sex has never been a drawback since she has been employed at NOTS.

During her previous assignment with fire control systems branch, her liaison work frequently brought her in contact with a large aircraft concern in the Los Angeles area. They turned her down a few years ago because she was a woman. She added that these large concerns are frequently surprised to find a woman occupying a responsible position such as hers.

She has authored and co-authored classified technical reports on fire control. She is a Phi Beta Kappa and a member of Research Society of America.

During her college years, one of her unusual part-time jobs was as "mildew remover" at the Rockefeller Institute for medical research.

She likes to refer to her job as her pet hobby. She likes cooking, reading, and camping out, but she dislikes housework. All her spare time is devoted to her children.

Very recently, Lillian and her entire family, including 10-month-old Kenneth (on daddy's shoulders) were given a certificate for reaching the top of Mt. Lassen at Lassen National Park.

Some of the things you have learned by experience are things you should never have learned at all.

What's Doing IN RECREATION

By Helen Michel, recreation director

Two important events are coming for which we suggest you make plans to attend. The NOTS recreation division is sponsoring a dance at the Community Center on Saturday, August 25, with Jimmie Whetmore's Band providing the music.



Starting Times: 6 and 8 p.m. daily Kiddies Matinee (Special Movies) 1 p.m. Saturday Matinee: 1 p.m. Sunday

TODAY AUG. 24 "RUN FOR THE SUN" (98 Min.) Richard Widmark, Jane Greer

Widmark, a prominent American writer has disappeared in the Mexican wilds. Public curiosity concerning him sends Miss Greer, an enterprising magazine reporter south of the border to smoke him out.

SHORTS: "Hall Fore Hare" (7 Min.) "On the Boardwalk" (9 Min.)

SAT. AUG. 25 "SATELLITE IN THE SKY" (85 Min.) Kieron Moore, Lois Maxwell

Beyond belief! But it's happening! The picture that moved heaven and earth to tell the space-shattering story of the man-made satellite that could rule the world!

SHORTS: "Land of the Nile" (9 Min.) "Army Doze" (16 Min.)

MATINEE "OUTLAW STALLION" (66 Min.) Phil Corey

SHORTS: "Hare Lift" "Mysterious Island" No. 9 (16 Min.)

SUN.-MON. AUG. 26-27 "THE CONQUEROR" (111 Min.) John Wayne, Susan Hayward

A fascinating story of the great Genghis Khan who ruled the Gobi Desert and its nomadic tribes of Mongols, Tartars and the rest of the inhabitants of that fisher civilization of the Twelfth Century.

TUES.-WED. AUG. 28-29 "HOLD BACK THE NIGHT" (80 Min.) John Payne, Mona Freeman

Sentiment runs high in this action-filled war film of the Marines in Korea. Symbolizing that sentiment is a bottle of Scotch that provides the pivotal promise of the story.

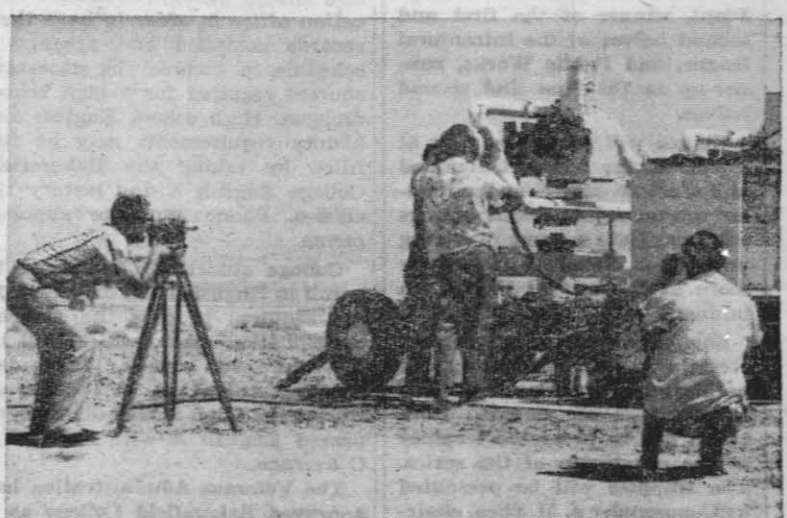
SHORTS: "Hold That Rock" (7 Min.) "Thru the Camera's Eye" (20 Min.)

THURS. AUG. 30 "MARINES IN REVIEW" by CAMP PENDLETON MARINE BAND

Radio broadcast and concert 7 p.m. Station theatre All personnel invited!

TEMPERATURES

Table with 3 columns: Date, Max., Min.
Aug. 16 97 57
Aug. 17 96 59
Aug. 18 99 60
Aug. 19 99 59
Aug. 20 99 58
Aug. 21 100 57
Aug. 22 103 61



CHANCE-VOUGHT PHOTOGRAPHERS—Shooting photos of the NOTS Bowen camera in operation during a test run of the Chance-Vought Crusader F8U-1 are cameramen Bob Alcott (left, shooting movies) and Joe Koppes (right, shooting black and white stills). The two men are part of a Chance-Vought team here to work with the Navy in recording data on the big Crusader's flight tests.

News from Pasadena Annex

Fall Courses for University Credit Open at Foothill

Three courses planned for the academic year 1956-1957 have been announced by the employee development committee. The courses will be presented at Foothill by the University of California, and credit will be granted to students enrolled in the university as candidates for appropriate degrees.

Classes will begin the week of September 10, and formal registration will take place at the first meeting of each class. However, for planning purposes, it is requested that NOTS employees who wish to participate, notify the personnel division by calling Marion McCrady on extension 108.

Engineering Organization and Administration will meet on Monday, September 10, from 7 to 9:30 p.m. Teaching this course will be Mr. Ware Myers, personnel coordinator for Consolidated Aerodynamics Corp. He has also worked in the personnel field for Lockheed Aircraft and Century Engineering. Mr. Myers took his B.S. in metallurgical engineering in 1935 from Case Institute of Technology, and his M.S. in personnel administration from USC.

The course in Advanced Calculus will begin on Wednesday, September 12. This course will be taught by Dr. Hugh J. Hamilton, professor of mathematics at Pomona College. Dr. Hamilton, who took his B.A. in mathematics at UCLA in 1931, and his M.A. and Ph.D. from Brown University in 1933 and 1936 respectively, has taught at UCLA, Claremont Men's College, and USC, as well as at Pomona.

The course in Linear System Solutions by Transform Methods will meet for its first session on Thursday, September 13. This course will be taught by Lothrop Mittenenthal, head of the analysis branch, missile development division, underwater ordnance department. Mr. Mittenenthal received his B.S. in physics from Caltech in 1948, and his M.S. in physics in 1953 from USC.

Navy Talent On Sullivan Show

This Sunday's Ed Sullivan TV program will feature an "All-Navy Talent Show." A Columbia Broadcasting Company annual event, the Navy show will be carried over Channel 2 at 8 p.m., according to an announcement from the 11th Naval District Public Information Office.

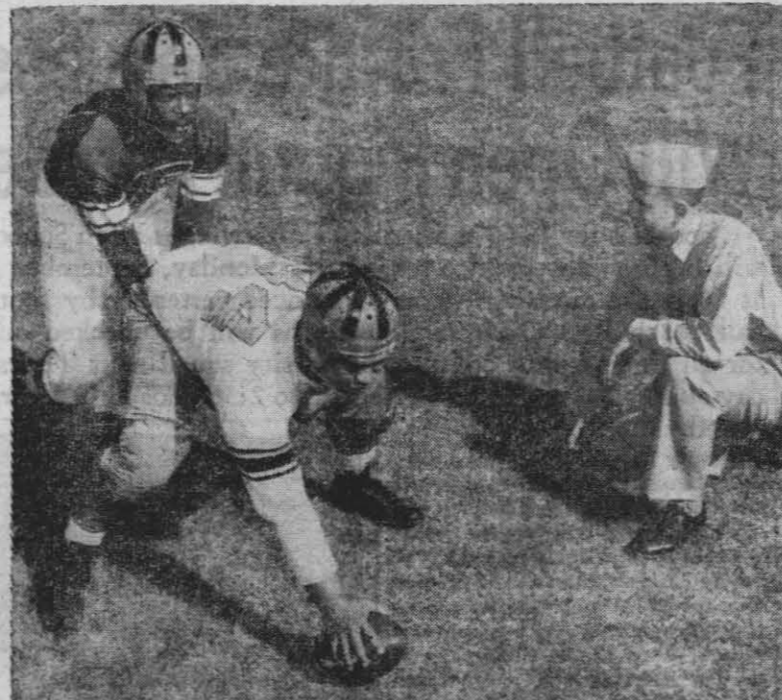
In previewing the telecast, Sullivan commented, "This is one show that you won't want to miss. I promise you some real entertainment."

New Arrivals Here Include Returning Former Employee

Among the ten new employees welcomed at Pasadena Annex since late July is one former employee, Jesse M. Rowe. Mr. Rowe was a section head in the underwater ordnance department when he left to work in the Bureau of Ordnance. He has returned to work here as a mathematician in the missile development division.

In supply, Joselyn M. Lyons came to work as a clerk-stenographer, and Juanita G. Patterson as a clerk. Sally Nelson is an engineering draftsman (general) in P5631.

RAT development division has added Harry Markson, toolroom attendant, John E. Healey, ordnance technician, Donald R. Robinson, engineering aid (electrical), and Forrest D. Janes, electronic mechanic. Joining UOD's product engineering division in July were Everett F. Gouge, production specialist (ordnance), and Hiram W. Patterson, metalsmith.



FLAG FOOTBALL—James Johnson (behind center) and Nicholas Kamai pose here for a shot depicting the forthcoming flag football season. At right is Athletic Officer Lt. (jg) J. C. Alex of the recreation division. Johnson is from VX-5 and Kamai is from the Marine Barracks. Both men will play in games for their respective units when the season begins on September 18.

NOTS Intramural Athletic Program Will Feature 'Flag Football' This Fall

Flag football, an innovation in the NOTS intra-mural sports program, will be featured here this fall according to Lt. (jg) J. C. Alex, Station athletic officer. A league has been formed with six teams participating: Naval Air Facility, Navy Guided Missile Unit, Marine Guided Missile Test Unit, VX-5 Experimental Squadron, Marine Barracks and Navy Barracks.

All games will be played under the lights at Schoeffel field. Teams will be composed of nine players and the "free substitution rule" will be in effect. Quarters will be 10 minutes each with 10 minutes allowed for half-time activities. Games will begin at 7 p.m.

Complete new uniforms and equipment have been purchased by the recreation division. Players will have maximum protection with the new uniforms and games should be fast with plenty of passing to be seen in this non-tackle sport. Flag football, according to sports surveys, is now one of the faster and more popular intra-mural programs at military installations over the nation.

Athletic Officer Alex announces the following schedule for 1956 flag football and invites the public to witness these spectacular games. He promises plenty of fast action including passing and lots of running.

Table with 3 columns: Date, Teams, Details
Sept. 18 Mar. Bks. vs. Nav. Bks.
Sept. 19 GMTU vs. VX-5
Sept. 20 NAF vs. MTU
Sept. 25 VX-5 vs. NAF
Sept. 26 Nav. Bks. vs. NAF
Oct. 2 Mar. Bks. vs. GMTU
Oct. 7 NAF vs. GMTU
Oct. 8 GMU vs. Nav. Bks.
Oct. 9 VX-5 vs. Mar. Bks.
Oct. 9 Mar. Bks. vs. NAF
Oct. 10 GMTU vs. GMU
Oct. 11 Nav. Bks. vs. VX-5
Oct. 16 GMTU vs. Nav. Bks.
Oct. 17 NAF vs. VX-5
Oct. 18 GMU vs. Mar. Bks.
Oct. 23 Nav. Bks. vs. Mar. Bks.
Oct. 24 VX-5 vs. GMTU
Oct. 25 GMU vs. NAF
Oct. 30 GMU vs. VX-5
Oct. 31 NAF vs. Nav. Bks.
Nov. 1 GMTU vs. Mar. Bks.
Nov. 6 GMTU vs. NAF
Nov. 7 Nav. Bks. vs. GMU
Nov. 8 Mar. Bks. vs. VX-5
Nov. 13 NAF vs. Mar. Bks.
Nov. 14 GMU vs. GMTU
Nov. 15 VX-5 vs. Nav. Bks.
Nov. 20 Nav. Bks. vs. GMTU
Nov. 21 VX-5 vs. NAF
Nov. 22 Mar. Bks. vs. GMU

Teams listed first on the schedule will be considered as the home team. Thirty games have been scheduled as shown above with each team playing the other twice. Officials for the contests will come from the Mojave-Desert Officials Association with three officials at each flag football game.

Commissary Store Closes for Inventory

The commissary store will be closed for inventory beginning at noon next Tuesday and will remain closed until 10 a.m. Thursday August 30.



SWITCHBOARD OPERATORS—Seated at the board (l. to r.) are: Libby Toth, Georgia Smith, Evelyn Coit, and Hilda Walbert. Standing in the rear is Peggy Nichols, assistant chief operator.

The Faces Behind the Voices—Foothill's Affable Operators



CHIEF OPERATOR — Madeline Nelson was on vacation when the group above was photographed.

Branch Heads Appointed in Missile Group

The appointment of two new branch heads in the missile development division was announced recently by Don Cozen, division head.

Edward P. Perry is to head the fire control branch, and Lothrop Mittenenthal will head the analysis branch.

Perry has worked at the Annex since January 1954. He attended Occidental College. He has been in the analysis branch of the RAT development division.

Lothrop Mittenenthal has been a physicist in the guidance and control division since 1942 when he came to NOTS from the Naval Air Missile Test Center, Point Mugu. A 1948 graduate of Caltech, he holds a master's degree in physics from the University of Southern California.



WINNER FOR JULY—A. L. Larsen, fireman apprentice, was elected bluejacket-of-the-month for July by civilian and naval personnel at the Long Beach range. Larsen, who has been in the Navy for a year, took his boot training in San Diego. He is a native of Battleground, Wash. Since his assignment to the Long Beach range, Larsen has earned a reputation for diligence and cooperation. His excellent performance of his duties as a fireman on the LCU and the small boats has been of great help to the NOTS operation.

Superintendent's Notes

By DR. EARL MURRAY, Superintendent of China Lake Schools

Public Law 815, amended, has been extended until June 30, 1958 by the present Congress and has been approved by the President. This law also carried an amendment which allows the Kern County Union High School District to apply for about \$800,000 of Federal funds for the construction of a new high school and implies that the present Burroughs High School plant will be assigned to the China Lake School District for elementary purposes.

Counting the number of rooms which are available at Burroughs and which must be filled before entitlement for more room can be obtained, we find that by September, 1958, all sixth graders and five sections of fifth graders must be stationed at the Burroughs School along with all seventh and eighth graders unless more family housing units are available at that time.

This situation poses many problems and inconveniences for the next two years, since the projected school for the Wherry Housing project cannot be constructed at this time. Nevertheless, the pupils are here and must be cared for. This will be done by reactivating the Rowe street huts which will undoubtedly be occupied to capacity for a few years.

Rhymes of the Times
WHETHER THE OLD TESTAMENT YOU READ, OR THE NEW, READING THE BIBLE WILL MAKE A BETTER YOU