

**'Detective Story' to Aid Navy Relief Fund**



"I'VE HEARD THAT 'DETECTIVE STORY' got top reviews," says Captain F. L. Ashworth (center) as he buys his tickets to the play from Cdr. K. C. Wallace, (right) chairman of the Navy Relief Fund drive. Valerie Bales (left) is directing the play which will be presented next Thursday and Friday at the Station theatre. Proceeds from the show will go to the Navy Relief Fund.

**Red Cross Workers Receive Pins**



FIVE NEW MEMBERS of the Home Service Committee of the American Red Cross receive certificates and pins from Pat LaBerge, Chairman of the IWV branch of the Red Cross. Recipients (l. to r.) are: Resie Taylor, Ellen Hoyem, Eric Ashburn, Clara Hunter, Hope Carrithers, and Pat LaBerge. The Home Service workers are on duty 24 hours each day to handle cases of servicemen and veterans who are in need of Red Cross aid.

**Eighth Graders Hold Graduation Reception**



"OUR TOMORROWS" is the class theme at the Station's 1956 graduation exercises of 150 eighth graders. Approximately 150 parents and teachers join the graduates at the reception in Vieweg auditorium.

**'Civil Service' OK's Special Program Here**

A Cooperative Work-Study Program in Engineering, providing for alternate periods of education and employment at NOTS, has been approved by the 12th Regional Civil Service Commission. Under the terms of this agreement, students who have completed at least 32 semester hours in an engineering curriculum with a 1.5 grade point average (3 point scale) will be encouraged to file for employment through the Civil Service Commission. Employees will then be selected from registers provided by the Commission.

A year-round program of work and study will enable a Co-op student to work a year and one-half during the five years that will be required for him to complete his undergraduate education. His initial period of employment will enable him to acquire shop experience, while his subsequent assignments will provide him with sub-professional experience under the guidance of professional scientists and engineers. Employees who complete the program satisfactorily and return after graduation as GS-5 professional employees will be eligible for promotion to GS-7 at the end of 3 months, provided that they receive especially favorable performance evaluations at that time.

Additional information with respect to recruitment can be obtained from the Head, Recruitment Branch, Ext. 72690, and with respect to training from the Coordinator, Professional Development Program, Ext. 71759.

**Outdoor Cooking Enthusiasts Warned**

Fire Chief A. C. Wright asks that you remember a few simple rules that will assure you of enjoying your outdoor living without hazardous incident.

"California outdoor living and barbecue time is here, so when we move out-of-doors to enjoy our desert skies and prepare our meals, let us observe these simple regulations:"

- Be sure your portable barbecue is a safe distance from permanent buildings when in operation.
- Use charcoal for barbecue fire.
- Do not use flammable liquids to start your fire.
- Do not leave the area without assuring yourself that your fire is completely extinguished.
- Do not start a fire when there is a high wind condition.

Almost all (95%) Federal civilian employees are paid according to one of three plans—the Classification Act system, the wage-board plan, or the postal pay system.

**Science Foundation Offers Fellowship Awards to Eligibles**

Applications will be accepted through September 4, 1956 for the second group of Senior postdoctoral fellowships to be awarded by the National Science Foundation during the current calendar year, Alan T. Waterman, Foundation Director, announced recently. Eligible candidates at NOTS may contact Dr. Paul C. Buchanan, head, Employee Development Division, Personnel Department for detailed information.

**Award Fields**

Fellowships will be awarded in mathematical, physical, medical, biological, engineering and other sciences, including anthropology, psychology (other than clinical), geography, certain interdisciplinary fields, and areas of convergence between the natural and social sciences. Names of successful fellowship candidates will be announced on October 16, 1956.

To be eligible for these awards, candidates must be citizens of the United States with demonstrated ability and special aptitude for advanced training and productive scholarship in the sciences. In addition, candidates must have at least five years experience beyond the science doctorate or its equivalent.

Fellows will be selected on the basis of ability as evidenced by letters of recommendation and other evidence of attainment. Candidates' qualifications will be evaluated by carefully chosen panels of scientists. Final selection of Fellows will be made by the National Science Foundation.

**Give Stipends**

Annual stipends from \$2,000 to \$10,000 adjusted to match as closely as feasible the regular salaries of the award recipients, may be applied toward study or research in an accredited non-profit institution of higher learning in the United States or abroad. A limited allowance to aid in defraying costs of travel for a Fellow and his dependents will also be available.

Applications and further details may be obtained from the Division of Scientific Personnel and Education, National Science Foundation, Washington 25, D. C.

**Rhymes of the Times**  
 IF YOU WANT MORE MONEY U.S. SAVINGS BONDS BRING IN THE MONEY

**THE WEATHER**  
 Mostly clear over weekend with occasional high cloudiness. Winds light and variable becoming southwesterly 10 to 20 knots in the afternoons. Temperature range maximum 97 to minimum 65.

TEMPERATURES (Housing Area)

	Max.	Min.
June 13	101	60
June 14	90	66
June 15	87	58
June 16	92	52
June 17	96	55
June 18	97	59
June 19	92	68
June 20	93	59

# Rocketeer

**Superior Performers in Public Works**



SUPERIOR PERFORMANCE Awards and checks are earned by employees of Public Works Department as a result of outstanding performance ratings. Recipients pictured above, first row (l. to r.) are: Henry B. Goode, \$200; Robert Faulkner, \$200; Bertha A. McCulloch, \$200; Kathleen Simpson, \$200; William W. Russell, \$200; and Dexter L. Whitfield, \$200. Pictured in second row (l. to r.) are: Marshall W. Breaw, \$200; Henry M. Linsea, \$200; Paul A. Thomas, \$300; Howard Auld, \$200; and N. A. Mohrbacher, \$200.

**House Applications Taken Until Monday**

Entries for the Station housing list for the quarter beginning July 1 will close next Monday, June 25. Persons who wish to apply for family housing or change their present application should do so now at the housing office.

Applications should be filed at the housing office if a person is a new employee and has never before applied for housing, or if an employee has received a promotion or has had a change in dependency status that would affect his housing application.

Employees who wish to be considered for other housing for which they are eligible, even though they have been assigned family quarters, including trailers, also should file an application.

Those carried correctly on the April housing list, who have not been assigned family housing or trailers, need make no further application at this time.

Further information may be obtained from Housing Division Head C. J. Fallgatter, Ext. 72222.

**Polio Clinic Announced**

Polio vaccine clinics provided by the Kern County Health Department are scheduled today in Ridgecrest, and next Thursday, June 28, in Randsburg, according to Dr. T. deHaven, county health educator.

**ROCKETEER Will Change To Former Size**

The ROCKETEER will revert to its former tabloid page size beginning with the first edition to be published in the next fiscal year (July 6). The tabloid page is approximately 12x18 inches and has 5 columns.

Four pages of the new tabloid size are equal to the present eight page edition. It is anticipated that approximately 35 editions during the next fiscal year will be 4 pages and approximately 15 will be 6 pages, thus allowing a greater amount of news coverage than has been possible with the present publication.

The ROCKETEER has been tabloid size for 10 years of the nearly 13 years it has been published. It has been published in its present size for the past 17 months.

**Ralph Boal Succumbs In Oakland Hospital**

Ralph Boal, project engineer in Test Department who was seriously injured in an accident during a test run at SNORT on May 10, died at the Naval Hospital in Oakland last Wednesday, June 20. Funeral arrangements had not been announced at ROCKETEER press time.

**Station's 'Summer Employment Program' Has Recruits from 50 Colleges, Universities**

Approximately 75 undergraduate and graduate students from 50 colleges and universities over the nation have reported to work at NOTS under the Station's Summer Employment Program, it was announced today by Robert Nelligan, Employment Division, Personnel Department. More than 20 others are expected to report by next Monday.

This year marks the largest program of this type to be sponsored by NOTS. The Station was granted a temporary ceiling of 100 summer employees by the Bureau of Ordnance. The following is a listing of the students and faculty members who have reported or are expected to report and the Code to which they have been assigned:

NAME	CODE	SCHOOL
Kelvin Booty	00 & 17	U. of Cal.
Charles Kroger	20	Ore. State
Kenneth Childs	25	Brig Yng. U.
Gilbert Barton	30	U. of Utah
Wendall Bernard	30	Fresno State
E. J. Gosselin	30	Bksfld. Col.
Roy Leipnik	30	U. of Wash.
Arthur Mosley	30	Texas Tech.
Franklin Murphy	30	L.A. Jr. Col.
David Ramsey	30	St. Marys
Gabriel Skitek	30	Mo. Sc. Mines
John Smart	30	San Jose St.
Robt. Stalley	30	U. of Ore.
Walter Wiseman	30	U. of Nev.
Joseph Abbott	35	U. of N. Mex.
Dennis Burge	35	U. of Nev.
Blake Caruthers	35	Stanford
G. A. Condas	35	U. of Cal.
Judith Devalon	35	Pomona
H. W. Graben	35	Birm. So. Col.
Fred Holstrom	35	U. of Nev.
Michael McGie	35	Chico State
Van Nicoli	35	U. of No. Dak.
Ray Daniel	35	U. of Cal.
D. G. Siefert	35	U. of Cal.
Eldon Sparrow	35	Ole Miss.
Raymond Virzi	35	Cal. Tech.
Henry Wong	35	S.F. City Col.
Charles Adkins	40	U. of Okla.
Adrien Aitkin	40	Cal. Poly.
G. A. Barnes	40	Reed Col.
Albert Gould	40	U. of Cal.
Peter Norton	40	U. of Utah
Dick Lindsey	40	U. of Portland
Robert Rechter	40	Miami U.
Richard Rowe	40	U. of N. Mex.
Frank St. George	40	UCLA
Gordon Scofield	40	Mo. Sc. Mines
Harvey Stone	40	Miami U.
John Baldwin	45	Purdue U.
D. B. Elliott	45	U. of Kansas
Bruce Jagger	45	U. of N. Mex.
Michael Keehan	45	U. of N. Mex.
Leonard Krakowiak	45	Loyola U.
Michael Mainz	45	U. of N. Mex.
Wm. T. Newman	45	U. of Okla.
George Axelrad	50	U. of Kansas
Aaron Filler	50	Pac. U. (Ore.)
Richard Gillette	50	U. of Nev.

Justin Huang	50	U. of Utah
Malcolm Skolnick	50	U. of Utah
Kaseyn Terada	50	U. of Utah
Clifton Whyburn	50	U. of Ala.
Kilburn MacMurrough	50	Stanford
James Bowen	55	U. of Ariz.
James Jackson	55	U. of Nev.
Seymour Lauret	55	U. of Miami
Fletcher Phillips	55	U.S.C.
Bertram Stull	55	U. of Calif.
Nicholas Waddock	55	San Jose
Terry Haycock	65	San Jose
George Mann	70	U. of Ariz.

All of the above named are either college juniors, seniors or faculty members. Many of these persons are anticipating employment here at the Station following graduation from college.

An orientation meeting has been arranged for this group on Tuesday of next week at 1:30 p.m. in the Community Center. Captain F. L. Ashworth will extend a welcome and Dr. W. B. McLean will tell of the Station's technical program.

Also on the orientation schedule will be the following: Mrs. W. B. McLean is scheduled to outline the Stations social and special events calendar for the summer; and Chairman of the Professional Recruitment Panel Frank Fulton will state the agenda for other orientation sessions to be held later in the summer.

Also attending the Tuesday orientation meeting will be Station junior professionals who are here on a permanent basis. Wives of the junior professionals are also invited to attend.

**'Detective Story' Slated For Thursday, Friday**

Sidney Kingsley's pungent, hard-bitten drama, "Detective Story," vivid recapitulation of life in a precinct police station, will contain moments of excitement and tense dramatic suspense when it is presented at the Station theatre next Thursday and Friday, June 28 and 29.

Admission will be 75 cents each and all proceeds, after expenses, will be given to Navy Relief. Curtain time is 8:15 p.m.



# Rocketeer

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

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## Summer Consultant



**PHILIP F. O'BRIEN**, lecturer in engineering at UCLA and liaison representative to NOTS, will teach engineering 153, thermal and luminous radiation, advise extension and graduate students, and serve as consultant on the Station from June 25 to August 17.

## Air Force Scientist To Lecture Monday

**Dr. H. Guyford Stever**, Chief Scientist of the Air Force and Associate Dean of the School of Engineering, MIT, will address the Research Society of America at its dinner meeting, Monday, June 25 at 7 p.m. The lecture is entitled "Research Requirements on New Weapon Systems."

Professor Courtland D. Perkins of Princeton University, who will succeed Dr. Stever as Chief Scientist for the Air Force will accompany him on the visit.

Dr. Stever has been a member of National Guided Missiles Committee for the Joint Chiefs of Staff, Executive Officer of the Guided Missile Program at MIT, as well as the Technical Advisory Panel for Ordnance in the Department of Defense before becoming Chief Scientist for the Air Force. He will visit the Station on June 25 and 26 to confer with Station officials and to deliver a technical lecture.

Dr. Stever's honors include the Presidential Certificate of Merit, election to Fellow in the American Physical Society and election to Fellow in the American Academy.

## Ask New Approach To CS Pay System

Emphasizing that he was advocating no particular plan or proposal at the present time, Philip Young, chairman of the Civil Service Commission, has called for a "thorough reexamination and reappraisal of the whole Federal pay philosophy."

Addressing members of the Society for Personnel Administration at their recent conference in Washington, D.C., Mr. Young declared that the present problem in connection with the pay aspects of the scientist and engineer shortage during the past year has only underlined the need for a new approach to the problem of adjusting salary scales under the Classification Act.

"For example," he said, "we uphold traditionally the principle of equal pay for equal work. But perhaps we need to redefine our terms. Is work of a certain level in an occupation where there is an over-supply of manpower really equal in value to work of a comparable level in an occupation where there is an acute shortage?"

"Again I raise the question as to whether salary rates should vary from one occupation to another, and be adjusted upward or downward as labor - market conditions change. Even under a fixed ceiling, the ability to adjust salary rates within defined occupational areas might help to meet major changes in supply and demand."

Mr. Young also pointed out that the present pay structure in general does not provide sufficient career incentive. He told his audience that the Commission staff is making extensive studies of the pay question and will develop new plans and recommendations.

## Job Opportunities

Secretary GS-4, Supersonic Track Division, Test Department. Position does not require qualified stenographer. For further information, call Mrs. Haycock, Ext. 71577.



## ACERVATION!

That's a mighty fancy word ... for "heap". And a "heap" is what we used in the way of utilities for NOTS last year.

How big a heap? One million eight hundred and fifty thousand dollars! A ten percent saving is ... \$185,000

Let's get a lot of acervation in our conservation.

it's YOUR dollar **\$1.00**  
 SAVE TWO DIMES **.20**  
 LOWER TAXES

## Coming AND Going

### New Employees:

Propellants and Explosives — Michael J. Keehan, Charley R. Rodgers, Donald B. Elliott, Reba G. Ward, Bruce A. Jagger, Michael H. Mainz, Roland E. Baker, Judith Quan, James C. Metcalf.

Research — Malcolm H. Skolnick, Meyer Silver, Aaron S. Filler, Lewis E. Ward Jr., Burl E. Bryant, Hans B. Jonassen, Justin Huang.

Test — Warren E. Loper, Robert E. Rockwell, D. Phillip Ankeney, William R. Bullis, John Roderick Smart, Walter J. Wiseman, Earl Frank Drew, Marylane Thompson.

Personnel — Evelyn E. Crockett, Terry J. Haycock.

Central Staff — Kelvin H. Booty, Joan G. Nelson.

Command Administration — Budd Gott, Franklin Engberg.

Supply — Kenneth W. Childs.

Engineering — Neil E. Smith, Donald H. Stewart, Russell F. Bushnell, Fletcher R. Phillips Jr., Bertram O. Stull, Ola F. Caldwell.

Public Works — George A. Mann, Joseph C. Sager, Wendell A. Johnson.

Aviation Ordnance — Donald O. Jones, Raymond Virzi, Teresa Herrera, Michael R. McGie, H. Willingham Graben, Van Olin Nicolai, Charles L. Perry, John W. Childress, III, Robert D. Cunningham, Fred E. Holmstrom.

Rocket Development — Richard H. Lindsay, Richard M. Rowe, Robert Rechter, Thomas L. Murphy.

Community Affairs — Marguerite A. McBride.

### Terminations:

Supply — Naomi R. Linsea (LWOP), Margaret Campbell.

Aviation Ordnance — Deanna Carol Ryan, Nadine Faure, Robert L. Morgan, Glen M. Robertson, Olga Margaret Lee, Laverne F. Miles (LWOP).

Rocket Development — Harold Hansing, Leah V. Downey.

Propellants and Explosives — Robert C. Anderson, Elliott B. Davidson, Edward H. Miles.

Central Staff — June A. Johnson. Office of Commander — Wilbur K. Sepetowski (LWOP).

Research — Marie J. Beglinger.

Engineering — Emerson P. Luttrell, Olive A. Sassaman.

### Paula Byrum Beauty Entry For 'Miss Kern County'

Miss Paula Byrum, 19-year-old daughter of Mr. and Mrs. Paul T. Byrum, 404-A Langley St., China Lake, this week was selected to represent Indian Wells Valley in the Kern County Board of Trade's fourth annual "Miss Kern County" contest, which is to be held next Thursday, June 28, at Harvey Auditorium in Bakersfield.



Robert Duguid  
EMCO Chairman



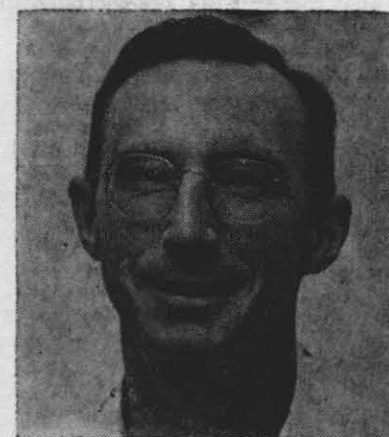
Michail Z. Columbia  
Supply



Ed Creer  
Rocket Development



Earle Kirkbride  
Technical Information



Howard Auld  
NFFE Representative



Floyd A. Kinder  
Test

## State "EMCO Mission": Picture Representatives

The Employee - Management Council of China Lake, usually referred to as EMCO, is an organization made up of recognized representatives of management and employees on an equitable basis.

### Purpose

Its purpose is to afford an opportunity for employees and management to meet for their common advantage; namely, to disseminate and receive information, to exchange viewpoints, to discuss questions pertaining to work, to make and receive suggestions for the improvement of physical working conditions, to improve productivity and to solve problems through the promotion of mutual cooperation, understanding and confidence.

### Policies

Policies include a thorough and effective system encouraging employee participation in decisions and matters affecting their common welfare in accordance with the basic policies and objectives contained in NCPI 60—Employee (Group) Relations.

### Management Responsibilities

Responsibilities of management

representatives are to see that management, including supervisors at all levels, consider and act on problems and suggestions arising through EMCO actions; to bring to EMCO items of information, problems and matters of policy, for the purposes of disseminating information, obtaining solutions to problems or recommendations on policy matters.

### Employee Members Responsibilities

Employee representatives have the responsibility to actively engage in the work of EMCO, to present employee problems and suggestions, to logically and equitably represent the members of their group without personal bias, and to advise their membership as to results or actions.

### Elections

Elections are held in January of each year within each department on the Station to elect its own employee member to EMCO.

### Management Members

Current management members of EMCO are Station Executive Officer Capt. F. A. Chenault and Associate Technical Director H. G. Wilson. Either or both are present at the majority of EMCO sessions held.

### Employee Member Chairman

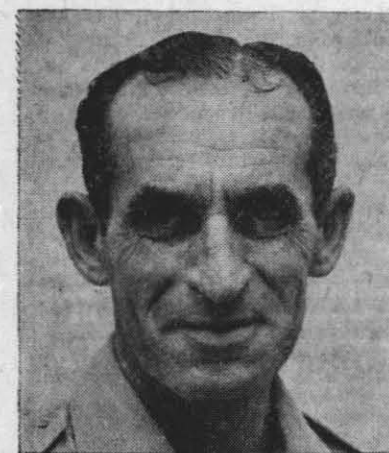
EMCO elects a chairman and vice-chairman from among the employee members at its July meeting. The chairman presides over EMCO meetings and he serves as a member of the Agenda Committee to better enable him to conduct the meetings. He is responsible to see that minutes are sent to all members, and he serves as contact with management as needed between meetings. An employee member elected as chairman ceases to represent his department for the term of his office.

### Station Policies

It is the Station's policy to encourage employees to express themselves concerning major changes in personnel policies, new programs, work methods and working conditions. It is also the Station's policy to make time available during working hours for EMCO representatives to consult with their constituents for the purpose of becoming familiar with matters to be discussed with management.

### Summer Dances

All military and civilian personnel under 21 on the Station are invited to attend weekly Summer Dances at the Community Center each Wednesday from 8 to 11 p.m. "The Moonlighters" will provide dance music June 27. It is requested that no levis, blue jeans, or pedal pushers be worn to the Summer Dances.



Sol Sherman  
Command Administration



Robert McKenzie  
Central Staff



Albert Duwell  
Propellants & Explosives



## P. W. Awards



**BENEFICIAL SUGGESTION** Award winners of Public Works Department who earned monetary awards are pictured above. Shown in first row (l. to r.) are: H. D. Hopper, \$25; F. D. Wegley, \$7.50; G. L. Beyer, \$25; and C. T. Evans, \$30. Pictured in second row (l. to r.) are: T. J. Francotte, \$12.50; E. Smiley, \$25; G. Perrige, \$45; F. L. Whittier, \$20; and A. B. Nichols, \$25. Shown in third row (l. to r.) are: L. G. Greene, \$12.50; G. Woltz, \$7.50; P. J. Gassman, \$10; E. L. Davis, \$10; R. F. Stockin, \$65; and H. C. Smith, \$15.



**MAXIMUM BENEFICIAL SUGGESTION** Award winner, H. Sidewand (right) receives certificate and check for \$300 from Captain G. H. Carrithers (left) public works officer, for his suggestion on a radar reflector target which insures a good radar return signal from an air-borne radar under evaluation.



**70 YEARS** of government service is represented in the three employees pictured above with Captain G. H. Carrithers, public works officer, who makes the presentation of service pins. Recipients pictured above (l. to r.) are: Delmon D. Dillingham, 20 years; Capt. Carrithers; J. J. Sullivan, 30 years; and Edwin L. Gifford, 20 years.

## Superintendent's Notes

By DR. EARL MURRAY, Superintendent of China Lake Schools

Last week's Notes explained the failure to expand the present Burroughs plant for all high school students of the area. The study group which reported on the high school problem of the Indian Wells Valley gave slight consideration to the construction of a second high school in the area. The only specific statement in the report concerning this possible solution is in the statement of basic principles and reads, "A single high school for this area offers more educational advantages for all pupils in the area."

This basic principle is strongly supported by the California State Department of Education and is evident in the work of the Bureau of School District Organization. This Bureau would not give its approval to two high schools within a distance of three miles of each other, particularly when the combined enrollments do not exceed 1,000 pupils.

Two reasons are advanced for this policy of the State: (1) A Better program of instruction which is more complete, and which has a greater variety of offerings can be presented, thus allowing greater attention to individual differences and interests of the pupils; (2) Small high schools are more costly in buildings, equipment, and operation, since they cause duplication of facilities and equipment, and result in a smaller teacher-pupil ratio which raises the cost of the current expenditure budget.

The Kern County Union High School District would not willingly construct two high schools in this area for the same reasons that the State would not give its approval.

The Indian Wells Valley District could attempt to become a Unified District and therefore become eligible for a high school of its own, but there are several blocks to this solution. They are:

1. The expressed policy of the State would oppose it because of the low assessed valuation and its nearness to another high school, assuming that the newly proposed high school will be available.

2. Should the State negate its general policy and approve unification, it is the opinion of the State Department of Education that the State Allocation Board, which must approve funds under the State School Building program, would not approve a loan to the Indian Wells Valley District for high school purposes—hence no buildings.

3. Should the above two hurdles be successfully passed, the tax rate of the District would need to be extremely high in order to operate a good high school.

Since the present Burroughs High School site cannot be expanded to care for all high school students of the area, and since it is impractical or impossible to have two high schools in the area, we must support the action of the Kern

County Union High School District to move the high school to a new location which will be controlled by the District.

## Industrial Relations Announces Awards

NOTS employees can be nominated for the Arthur S. Flemming and William A. Jump Memorial Awards according to an announcement received from the Office of Industrial Relations, Washington, D.C. The awards are made annually.

The Flemming Awards are granted by the Junior Chamber of Commerce of Washington, D.C., to ten young men in the Federal Service, who will not have reached their 40th birthday before December 31, 1956. Five honorary awards are granted in the Scientific or Technical fields, and five in the Executive or Administrative fields. The award consists of a plaque and gold key.

The William A. Jump Memorial Award is granted annually by the Secretary of Agriculture in recognition of outstanding service in the field of Public Administration. The Award consists of a gold key and certificate of merit.

Field activities must submit their nominations for the Flemming Award to the appropriate management control bureau or office not later than August 31, 1956. Nominations favorably endorsed by the management or office must be received by the Navy Incentive Awards Board not later than September 24, 1956.

Entries from the field activities must reach the appropriate management control bureau or office not later than November 9, 1956, who must in turn forward the favorably endorsed nominations to the Navy Incentive Awards Board by November 30, 1956.

### Rhymes of the Times

WHEN YOU SEE A DVD  
DON'T LOSE YOUR HEAD  
JUST CALL AN EXPERT  
BEFORE YOU'RE KILLED DEAD



## Services Held for Herbert C. Riggins



Herbert C. Riggins, who had suffered a long illness unknown to many of his NOTS friends, succumbed Friday, June 15. Private services were held last Tuesday.

Mr. Riggins, who was thirty-six, was born in Pasadena and graduated from Pasadena Junior College before attending the University of Southern California where he received his degree of Bachelor of Science in electrical engineering in 1942.

During the war Mr. Riggins spent two and a half years with the Airborne Instruments Laboratory of Columbia University's OSRD program, working in conjunction with the Navy. He was field representative for the entire west coast. He later engaged in Caltech's OSRD work until the project was taken over by NOTS. At the time of his death, he headed the electronics and instrumentation branch of Development Division (Torpedo RAT) in the Underwater Ordnance Department.

Mr. Riggins is survived by his wife, Virginia, and two daughters, Victoria and Doris, to whom his friends at the Annex extend their deep sympathy.

## UCLA Math Class Offered at Foothill

Dr. Harold L. Black, professor of mathematics at North Dakota Agricultural College, will teach a course in vector analysis (Mathematics \*XL 124) at Pasadena Annex this summer under the UCLA extension program.

First meeting of the class, which will be held Tuesday and Thursday evenings from 7 to 10 o'clock, will be on Tuesday, July 3. There will be fifteen meetings, the course carries three units' credit, and tuition is \$27.

Prerequisite for the class is Mathematics 4B or the equivalent. The course will cover vector algebra, vector functions and vector calculus, linear vector functions, field theory, and transformation of integrals.

## Tech Lecture Next Week by Rand Official

Dr. Alexander Boldyreff will deliver a technical lecture on "Operations Research (Systems Engineering)" next Wednesday, June 27, at 9:30 a.m. in the Building 7 conference room.

Dr. Boldyreff is a member of the research staff of the mathematics division of the Rand Corporation. A pioneer in the field of operations research, he is the author of publications in the fields of chemistry, mathematics, and operations research.

Dr. Boldyreff will describe the mathematical bases for decision and programming in industry, and analyze the models, methods, and objectives of systems engineering. His discussion will include specific methods and problems, and the theory of games.

## Turnover Rate Low In Annex Group Of Professionals

The rate of turnover among professional employees at Pasadena Annex for the first five months of 1956, based upon a professional population of approximately 230, was only 12.6 percent.

Terminations among professionals have totaled sixteen, of which five were WAE's and one a retirement. With only nine terminations of full-time employees from the 230 professionals, the Annex is considered to be more than holding its own in comparison with other area industries.

## Pea Pickers Lead In Eighth Week

Going into the home stretch in the NOTS golf tournament, the Divot Diggers and the Pea Pickers are alternating almost weekly in the lead.

The Squares, who led the first two weeks, seem to have dropped out of the picture. The Pea Pickers led in the third and fourth weeks; the Divot Diggers were on top in the fifth and sixth weeks. At the end of the seventh week, the two teams were tied, but this week, the eighth week of tournament play, saw the Pea Pickers once more triumphant.

Members of the leading neck-and-neck contesting teams are Simmons, Griel, Mico, and Southwell (Pea Pickers), and Alexander, Shealy, Trozinka, and Mhlkern (Divot Diggers).

Individuals with low net scores for the first seven weeks of play are Simmons, Trozinka, and Byrd, tied with 36 averages; and Southwell, Douglass, Alexander, Bill White, and Shealy, tied with 37 averages.

## Steel Confers with Successor



**FINAL CONFERENCES** have occupied Don Steel and Doug Wilcox this week, as Don prepared to hand over the reins of the Underwater Ordnance Department. Yesterday was Don's last day aboard, and, beginning Monday, Doug will be dividing his time between the Department office and the office of Development Division (Torpedo RAT).

## Recent Arrivals at Annex Include Returning Employee

Among recent arrivals at the Annex is Mrs. Thadene Firman, who spent two years here from 1952 to 1954. She joins the staff of the Personnel Division as senior position classifier.

Other new employees are John L. Nairn Jr., electronic engineer, Donald P. Moore, mathematician, and Paul C. Lisle, mechanical engineer, all of P8000; Aldo G. DiLoreto, electronic engineer, in P8043; Arthur M. Lopardo, mechanical engineer, in P8082; and Harry L. Greene, supervisory ordnance engineer (editing), in P8092.

For Mrs. Firman, this has been "old home week." She is happy to be back and is enjoying greeting her old friends. Since her former tour at the Annex, she has been an administrative assistant at the Army Electronic Proving Ground, Fort Huachuca, Arizona.

Mrs. Firman's first federal employment was with the Civil Service Commission in Washington, D. C., from 1935 to 1942, which followed her graduate work in public administration at the University of Chicago where she took her bachelor's degree in political science.

From Washington, Mrs. Firman went to San Francisco where she was chief classifier in the Regional Classification Division of the Civil Service Commission's regional office.

Her next assignment was as personnel consultant to Metro-Goldwyn-Mayer, where she worked in the field of job evaluation and set up a personnel program. During this period she also produced a sound-slide film in color on job evaluation, with Disney-type characters, which has had wide distribution.

From 1947 to 1950, Mrs. Firman

taught personnel administration and public administration at Los Angeles State College and Los Angeles City College.

She has contributed to professional journals in the fields of personnel administration and management, and has been a leader of national and regional conferences of personnel management groups.

## Annex Vacancies

**General Engineer, GS-11.** Assistant to Head, Public Works Division; responsibility for the planning, engineering, and design of maintenance and repair. Contact Dorothy Seaman.

**Ordnance Technician (or Engineering Aide), GS-9.** Assembly and examination of components with view of recommending improvements to designers; development testing. Duty at Foothill, travel to China Lake and San Clemente Island. Contact Bernie Silver.



# What's Doing IN RECREATION

The first of the Summer Dances on June 13 sponsored by NOTS Recreation Division was most successful. A large crowd of both military and high school students danced to the music of "The Millionaires."

Prizes were awarded to Mike Pierce, Don Wright, Bob Short, Don Cobb and Wally Postelwait who ended up with the "broom doll" at the end of the Broom Dance.

The Community Center had been festively decorated by a group of Sailors, Marines and high school students. Refreshments were served during the evening by members of the Community Council who assisted as hosts and hostesses.

The next in the series of weekly dances will be held June 27. Guests will dance to music provided by "The Moonlighters" and refreshments will be served. Members of Elks, B.P.O.E. No. 1913 will assist as hosts and hostesses. An invitation is extended to all military personnel and those under 21 on the Station, Helen Michel, Recreation Director stated.

### Soft Ball Games

"Take me out to the Ball Game" is a familiar expression. These delightful summer evenings are the time to attend the many soft ball games played on the Station weekly. There is a double header each night at the Beer Hut Soft Ball Diamond so take the family and root for your team.

### Greek Theater Tickets

For those people who may go to the city on weekends or vacations, exchange tickets are available for 1956 Summer Season at Greek Theater. An excellent diversified program of high quality musical entertainment will be presented beginning July 2. All personnel at NOTS are invited to use the discount tickets available at Recreation Office, Bldg. 35, Room 17.

### Library

In case you didn't know, the Station Library has a large selection of Children's Books. This is a fine place for your children to visit weekly during the summer. For adults, this week the library is featuring books on travel so stop and browse around.

Don't forget about the Spa if you are planning a picnic or barbecue for your group. The area has been cleaned and repairs made. Barbecue pits, tables, benches etc. are there. Call Ext. 72017 for reservations.

### Golf Balls

Attention all Station residents! Approximately 30 dozen driving range golf balls have been lost since opening day May 6. It is requested that Station personnel having these balls in their possession or knowing their whereabouts, please return them to Paul Someson at the

driving range or notify Recreation Office, Ext. 72017.

Don't forget to get your membership card for the golf course for the month of July. They are on sale daily from 5 to 10 p.m. at the Driving Range.

### SHOWBOAT

Starting Time: 6 p.m. daily  
Kiddies' Matinee (Special Movies)  
1 p.m. Saturday  
Matinee: 1 p.m. Sunday

TODAY JUNE 22

"CAROUSEL" (128 Min.)  
Gordon MacRae, Shirley Jones  
The story of a carousel barker who has a woman at his heels. Music by Rodgers and Hammerstein.

SATURDAY JUNE 23

"FOREIGN INTRIGUE" (98 Min.)  
Robert Mitchum, Genevieve Page  
Bob Mitchum is involved with blackmail, international chicanery, a bevy of shady characters done up in continental manner and two beautiful girls. In color. Excellent rating.  
Shorts: "Wonders of Manhattan" (16 Min.)

### MATINEE

Schedule late in arriving. Call theatre, Ext. 71413 for information.

SUN.-MON. JUNE 24-25

"CONGO CROSSING" (86 Min.)  
Virginia Mayo, Geo. Nader, Peter Lorre  
Movie not due for release until July. No synopsis available.  
Shorts: "Smarty Cat" (7 Min.)  
"Brooklyn Goes to Paris" (9 Min.)

TUES.-WED. JUNE 26-27

"PROUD AND PROFANE" (111 Min.)  
Wm. Holden, Deborah Kerr  
This is a story of a roughneck and a lady in uniform in an I hate you - I love you conflict which is fought on the beaches and bedrooms of the South Pacific during WW II.  
Shorts: "Calling Dr. Magoo" (7 Min.)

THURS.-FRI. JUNE 28-29

"DETECTIVE STORY"  
Presented by NOTS China Lake Players  
The story centers about the person of the tortured Detective McLeod who has become a fanatic in the pursuit of his duties. Although the plot deals with the sordid side of life, there is a deep understone of tragedy throughout as the play marches to its terrific climax. Proceeds to Navy Relief.  
Curtain time 8:15 p.m.

## Airport Drag Races Attract Large Crowd

750 people braved the heat Sunday to watch 71 competitors "drag it out" for the U.S. Savings bond and the trophies offered by the "Dust Devils" at the Inyokern airport.

Top time of the day was 123.28 mph. set by Lord's Automotive modified roadster from Bakersfield. In the sport car division, class "B", Art Scholl of China Lake set a mark of 71.42 mph.

Machines came from as far as Shafter and San Bernardino, Bakersfield, Tehachapi, and Lancaster were also represented.



## "Sportlights from the Sideline"

By Bill Whittington

In the first game of the evening on June 11th, the PIRATES won over the GIANTS 17-11. Hogue and MacIse shared the pitching duties for the PIRATES while Hightower and Pike pitched for the GIANTS.

Inning	1	2	3	4	5	6	R	H	E
Giants	2	0	1	8			11	8	0
Pirates	5	6	6				17	14	0

In the second game that evening the RED SOX edged the BRAVES 7-6. Tommy Mather was the winning pitcher and Richard Davis was the losing pitcher.

Inning	1	2	3	4	5	6	R	H	E
Red Sox	0	1	1	3	2		7	9	2
Braves	0	0	0	1	5		6	9	0

On Tuesday the 12th the RED SOX waxed the GIANTS 12-4. The winning pitcher, Joe Alpert, had 11 strikeouts while the losing pitcher, Bob Wair, got 12 strikeouts.

Inning	1	2	3	4	5	6	R	H	E
Red Sox	1	1	2	0	6	2	12	13	1
Giants	0	0	1	3	0	0	4	5	5

Thursday the 14th saw the PIRATES take the BRAVES in a game marked by 16 hits for each team and no errors. The final tally was 13-10.

Cliff Wilkie went the route for the PIRATES and George Childers did the same for the BRAVES. They each got 9 strikeouts.

Inning	1	2	3	4	5	6	R	H	E
Braves	4	2	0	1	0	3	10	16	0
Pirates	3	0	1	5	5		13	16	0

The first of the two games Friday night the 15th saw the GIANTS and BRAVES end in an 11-11 tie. The game was ended because of the time limitations set on the games when two games are played.

Inning	1	2	3	4	5	6	R	H	E
Giants	7	0	0	1	1	2	11	9	0
Braves	0	0	4	2	0	5	11	11	5

In the second game of the evening of the 15th the PIRATES beat the first place RED SOX 14-5. Dave Wilkie was the winning pitcher and Brian Cowan was the losing pitcher.

Inning	1	2	3	4	5	6	R	H	E
Pirates	3	1	1	5	0	4	14	16	1
Red Sox	1	0	0	0	0	4	5	5	0

At the end of the first half of league play the standings are as shown.

Team	Won	Lost	Tied
RED SOX	7	2	
PIRATES	5	3	
BRAVES	3	4	1
GIANTS	1	7	1

The minor league plays on Tuesday and Thursday evenings and every Saturday morning. The standings at the end of the week are shown below.

Team	Won	Lost	Tied
CUBS	4	1	
EAGLES	3	2	
CARDINALS	2	3	
BUCS	1	4	



## "Chatter from the Diamond"

By Les Fairall

Last week's "Pony League" play is reported as follows:

In the first game the luckless INDIANS lost to the REDS by a score of 19-10. Though the INDIANS collected 9 hits and scored 10 runs, the REDS poured on the coal to take the game.

Box Score:	R	H	Errors
REDS	19	7	0
INDIANS	10	9	8

The second game the CARDS took the CUBS 6 to 4. It was by far the most exciting game of the season, with sensational plays on both sides which brought the well-filled stands to their feet almost every inning.

Box Score:	R	H	Errors
CUBS	6	8	3
CARDS	4	4	1

In the third game the REDS won over the CARDS 11 to 3. Two outstanding defensive plays were made during the game. The RED'S Tommy George made a one handed pick up of David Martin's grounder to throw him out at first. The CARD'S Marvin Jeffries made a one handed scoop of a low ball which was a masterpiece.

Box Score:	R	H	Errors
REDS	11	7	1
CARDS	3	4	1

The fourth game between the INDIANS and the CARDS was called due to weather conditions in the second inning and will be played off at a later date.

Next week's games are scheduled for Monday, June 25, and Thursday, June 28.

## Pilot Plant is Tops In Softball League

The juggernaut of the Pilot Plant rolls on undefeated as they mount up a season tally of eight wins, no losses. Breathing down their necks with a seven win, one loss record is Public Works.

The Infirmary seems to be clicking with a string of three straight victories.

The standings of the NOTS Intramural Softball league thus far, are:

TEAM	WINS	LOSSES
Pilot Plant	8	0
Public Works	7	1
EM Club	6	2
Clippers	5	3
Eng. Dept.	4	4
Marine Barracks	4	4
NAF	3	5
CPO Club	3	5
Infirmary	3	5
GMU No. 25	2	5
Transmitters	1	6
GM Test Unit	1	7

Examples of legitimate use of the "rank in the man" concept given by the Chairman were the practice of "finding the man and fitting the job around him," that is, the setting up of a position to fit the qualifications of a particular specialist or other person the agency needs for its authorized work—and the adjusting of classifications upward as capable workers attract to themselves assignments of increasing value to the agency.

Mr. Young gave "long-standing authority for Federal operating officials to detail employees on a trial-run basis" as an example of the flexibility of management possible within the job-classification system. Such authority can be used, he said, for trying out a promising junior at a higher grade or in a different line of work before deciding whether to assign him to the

Rocketeer News Deadline  
Tuesday, 4:30 p.m.

## College Undergraduates Arrive Early



COLLEGE STUDENTS who will participate in the Station's Summer Employment Program represent 13 colleges and approximately one fourth of the total recruitment. Pictured above front row (l. to r.) are: Seymour Lauretz, Univ. of Miami; Daniel Ray, Univ. of California; Justin Huang, Univ. of Washington; George Axelrad, Univ. of Kansas; Michael Mainz, Univ. of New Mexico; and Leonard Krakowiak, Loyola Univ. Second row (l. to r.) are: Henry Wong, San Francisco City College; Michael Keehan, Univ. of New Mexico; James Bowen, Univ. of Arizona; Richard Gillette, Univ. of Nevada; Walter Wiseman, Univ. of Nevada; and Willingham Graben, Birmingham Southern College. Back row (l. to r.) are: Michael McGie, Chico State; Bertram Stull, Univ. of California; Richard Rowe, Univ. of New Mexico; Kenneth Childs, Brigham Young Univ.; Albert Gould, Univ. of California; and Ernest Gosselin, Bakersfield College.

## CSC Chairman Young Describes 'Rank in The Man' Features of Class Act System

The Federal job-classification system contains more features of the "rank in the man" concept than may be generally realized, Philip Young, the President's personnel adviser and chairman of the U. S. Civil Service Commission, told Federal personnel administrators and technicians at the spring conference of the Society for Personnel Administration in Washington, D. C.

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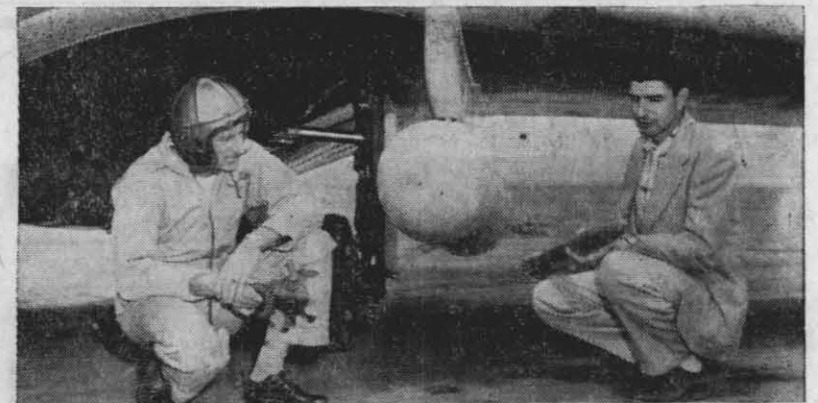
new job permanently. "Neither the Classification Act nor any Commission regulation in connection with it," Mr. Young said, "prescribes a single duty or responsibility for any position. "The assignment of duties and responsibilities is the sole prerogative of management, and classification enters the picture only after management has determined what those duties and responsibilities are."

## Rockhounds Will Hear Reports of Convention

NOTS Rockhounds will hold their regular meeting next Monday evening in the Rockhounds Hut at 7:30 p.m. This will be the first meeting of the local unit to follow the 17th annual convention of the California Federation of Mineralogical Societies being held in Fresno, California this week.

The program will consist of a series of color slides of general interest to rockhounds and member reports of the displays and program of the Fresno convention. Some of the prize displays submitted by local members at the show will be on exhibit. The general public is invited.

Sign up for happiness! A stroke of the pen can start a payroll savings account for you and the money you save in United States Savings Bonds will help make happier tomorrows for you and your family.



FIRST TO FIRE 156 rockets from an AERO 7D launcher is LCdr. Irving Applebaum (left). Steven Little (right) is head of the NOTS section that developed the Mighty Mouse launcher.

## NOTS Rocket-Launcher Package Sets Important Navy Precedent

The Bureau of Aeronautics has announced procurement plans for the purchase of 44,000 AERO 7D aircraft rocket launcher-packages which were recently developed by NOTS.

The AERO 7D launcher-package ripple fires nineteen 2.75 MIGHTY MOUSE Folding Fin Aircraft Rockets. It also doubles as the shipping and stowage container for the rockets completely assembled with warhead and fuze. The destructive power of aircraft equipped with 2.75 MIGHTY MOUSE FFAR's is comparable to a full salvo from a destroyer. As many as 156 MIGHTY MOUSE rockets have been fired at one time from aircraft equipped with this new launcher during tests at NOTS, China Lake.

The AERO 7D fully loaded weighs 427 pounds when mounted on an airplane. It is 16 inches in diameter and 98 inches long with its frangible cones. (These frangible cones reduce the air drag of the launcher and, since they are destroyed when the rockets are fired, they do not interfere with the operation of the rockets). Other important features are that it is capable of supersonic flight, low in cost, and completely expendable. It meets all ordnance safety regulations, and it is free from effects due to electromagnetic radiation.

A limited number of AERO 7D launchers are currently undergoing carrier suitability trials at the Naval Air Test Center, Patuxent River, Maryland. Other tests are being conducted aboard the USS Forrestal in connection with fleet demonstration trials of North American FJ-4, Grumman F9F-8, Douglas F4D-1, and McDonnell F3H-2N aircraft. In addition, a USAF demonstration using North American F-100C aircraft has been given at the Air Force Armament Center, Eglin Air Force Base, Florida.

The 19-round project neared completion with the development of the AERO 7D in 1954. It was recommended by NOTS to the Bureau of Aeronautics that procurement of large quantities of the launcher-packages should be postponed until improvements could be made in the shipping container and until provisions could be made for mounting them on all NATO aircraft.

Air-to-ground test firings at NOTS, have provided an opportunity for a number of pilots to use the new launcher. Among these pilots were LCdr. Irving Applebaum and LCdr. Tom Mix who have the distinction of being the first to fire 156 rockets at one time from a single aircraft. This was also a Navy "First".