

New Giant, High-Speed Electronic Computer



OPERATES READER-PUNCH—Olga Bosnyak reads cards onto the magnetic tape for later entry as input data into the 7090 IBM computer.

7090 CONSOLE—Mary Johnson (l) processes an application on the IBM 7090 console while Virginia Proehl changes a reel on a tape unit.

Station's Computing Facility Installs New IBM Series

Located in the northeast wing of Michelson Laboratory is one of the latest in a series of electronic wonders designed to speed research, development, and testing at NOTS. This wonder, the IBM 7090-1401 Electronic Data Processing System, was installed in the Station's Digital Computing Facility, a function of the Data Computation Branch in the Assessment Division of Test Department, last month completely replacing the IBM 709 system and associated peripheral equipment.

7090 System
The 7090, although logically the same as the 709, is a completely transistorized computer with an internal computing speed six times faster than the 709.

Most control and decision-making instructions are executed in approximately 4 millionths of a second (229,000 per second) while arithmetic instructions range from 4 to 30 millionths of a second for execution. In addition, the storing capacity of the 7090's magnetic tape units is almost three times that of the tapes used with the 709.

In all respects the 7090 has met, and in most cases exceeded, estimates of speed, reliability and superiority over the 709. The Station's computing workload may now be processed in eight hours per day or less instead of the previous 24-hour span.

Before an application can be processed on the 7090, it must be expressed in a language understandable to the computer. A specific sequence of instructions must be followed in detail in order to get the desired result.

It is the job of the computer programmer to produce the specific set of instructions which will perform the task at hand. With the extensive complement of machine language instructions available on the 7090, complex problems in many fields of endeavor may be programmed.

The 7090 computer is used extensively in the reduction of range test data, missile development work, fire control system simulation, propellant aviation studies, torpedo studies, and, in fact, most research and development work done at NOTS. It is also used for management data processing.

1401 System
The 1401, an independent computer, consists of four units, a reader-punch, a processing unit, a printer, and a magnetic core memory. The slower, less versatile unit it replaces consisted of nine units: three consoles, three tape units, a printer, a card punch, and a card reader.

It reduces the burden of the input-output operations for the 7090 by reading cards at the rate of 800 per minute, printing at the rate of 600 lines per minute, and punching cards at the rate of 250 per minute. It also does all the work of peripheral equipment at a lower rental cost and lower consumption of power.

Both of these machines utilize the transistor, a device developed in the field of solid state physics. In addition to the greater saving in electrical power consumption, it reduces the heat dissipation that was characteristic of older computers. The small transistors also

allow reduction in component sizes while considerably increasing computing speeds.

The 7090-1401 system, valued at approximately \$2 million dollars, is leased to NOTS by the International Business Machine Corporation for \$72,390 per month for the one daily eight-hour shift operation. As lease cost is based on operating hours, the new equipment costs less than the former 709 24-hour shift. Other computers used by NOTS scientists in previous years were the IBM 701 and 704.

NODAC
The Naval Ordnance Data Automation Center (NODAC), an important installation adjacent to the IBM 7090, provides high-speed automatic processing of test data. This general purpose analog-digital facility converts recorded analog information into digital data at rates up to 25,000 conversions per second.

NODAC equipment includes magnetic tape record reproducers for both analog and digital magnetic tapes, analog-to-digital and digital-to-analog converters and a real time input-output system which can read data directly into the 7090 for computation and simultaneous coordination of facilities.

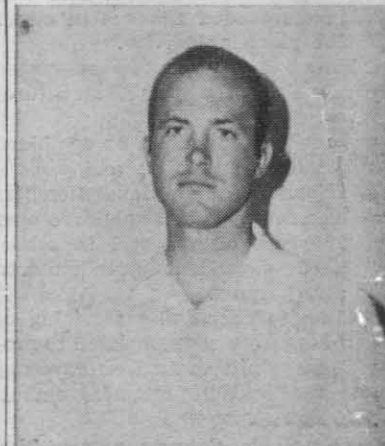


MEMENTO OF NOTS TOUR—Retired Station Commander Capt. W. W. Hollister and his wife, Norma, will be able to recall with fond memories their NOTS tour of duty with this Sylvia Winslow painting of "Red Rock Canyon." The noted desert artist (r) presented the painting to the Hollisters at a farewell party held at the Officers Club shortly before their departure on June 1. The setting is one of the scenic highlights of the Mojave Desert, and has been featured in a number of movies.

Two Research Men Earn Doctoral Title

The Research Department this week announced that two employees received doctorates upon completion of the established requirements. M. Duane Horton, a chemical engineer in the Aerothermochemistry Group received his doctorate in chemical engineering from the University of Utah at Salt Lake City, and Aaron N. Fletcher, of the General Research Branch, received his doctorate in chemistry from UCLA.

Dr. Horton also received his B.S. from the University of Utah and continued in Graduate School until October 1960 when he accepted em-

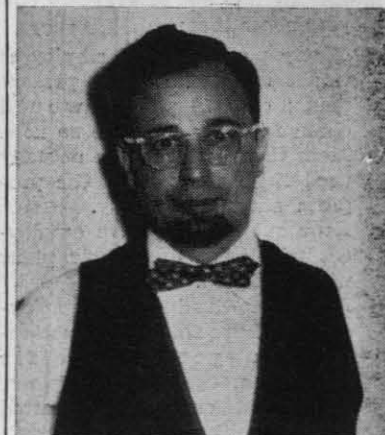


M. Duane Horton

ployment at NOTS. His dissertation was entitled "Oscillatory Burning of Solid Rocket Propellants." Dr. Horton has been working in the field of propellants for the past three years and was employed by the Station because of his knowledge and experience in this specialized field. The Aerothermochemistry Group is nationally renowned for its progressive research and significant contributions to the study of propellant instability.

Dr. Horton and wife, Marjorie, reside at 407-B Groves Street.

Fletcher
Dr. Fletcher's thesis was entitled "Hydrolysis of Titanium III" and was recently delivered at UCLA. He earned a B.S. from the Califor-



Aaron N. Fletcher

nia Institute of Technology in 1949 and became a member of the NOTS family in November 1954.

Since that time, he has been a faithful advocate of the Station's UCLA Extension Program. Through this program, he completed about one-half of the requirements toward a doctorate prior to achieving graduate status in 1958. He was granted a NOTS Fellowship in 1959, enabling him to fulfill his ultimate academic goal.

Dr. Fletcher makes his home with his wife Edna and four children at 125 Carriac Street in Wherry. He holds membership in the American Chemical Society, Research Society of America, and the American Association for Advancement of Science.

Meetings...

UNAFFILIATED PEO's will meet at the Roberta Sperry home in Garlock next Monday at 8 p.m. Lucile Mutchler is in charge of transportation. New PEO's in the area are urged to call Nancy Froehner at Ridgecrest 85001.

NROC 11-1 will meet next Wednesday at 7:30 p.m. in Conference Room A, Mich. Lab. Arthur Bittel will speak on "Mobile Underwater Vehicle for Search and Recovery."

A good leader takes a little more than his share of blame; a little less than his share of credit.

Budd Gott, Editor

Vol. XVII, No. 25

U. S. Naval Ordnance Test Station, China Lake, California

Phones 7-1354, 7-2082, 7-1655

Friday, June 23, 1961

Dean Appointed To Assist JC Expansion Program

A Dean for the Bakersfield Junior College evening division at China Lake has been designated as plans to strengthen the program's expansion become a welcome reality. Omar Scheidt fills the new position, and assumes his duties August 1. He has been an instructor in the science department at BJC for the past six years and is presently enrolled in a graduate program at UCLA. He holds a bachelor's degree from Fresno State College and a master's de-

Terrence Allen, John Ewing and Jacques Thiroux; Pauline Sand will continue to teach English.

Thiroux, also an English instructor, received his bachelor's degree from Pomona College and his master's from San Francisco State College.

Social Science and history classes will be taught by Allen, who received his M. A. from Eastern Illinois University.

Ewing will instruct in mathematics. He earned his bachelor's degree from the Naval Academy and a master's degree from the University of Michigan.

Despondent AOD Employee Takes Own Life Sunday

A coroner's inquest conducted by Ross Jones of the Bakersfield Coroner's Office on the Station Tuesday returned a verdict of suicide in the death of Larry L. Collins whose body was found at 526-J Nimitz last Sunday by Security Police.

Security Police were first called into the case at 2 p.m. Sunday by Ephraim Regelson, Collins' immediate supervisor, when he tried to call the AOD employee and received no answer.

Arriving at the scene officers Kenneth Collins and Ancel Adams unlocked the door to the bachelor apartment and found the deceased lying on the floor on his right side. Lying at his feet was a .22 calibre rifle with one expended cartridge in the chamber and 13 live cartridges in the magazine. Evidence showed that the rifle was in the deceased's mouth when it was fired.

Officers found a phonograph still running, the lights on, and a suicide note on the bed.

Collins' fellow employees of AOD's Radiometry Branch reported that he had been despondent for some time.

H. P. Fleet of the Detectors Branch in whose home Collins had been a guest Saturday night said Collins seemed disturbed but made no remarks indicating a suicidal intent.

Survivors are the deceased's parents Mr. and Mrs. A. J. Collins of Tulsa, and a sister, Mrs. Donald Peters of Oklahoma City.

Funeral services will be held today at the Garrison Funeral Home in Oklahoma City.

Fleet Reserve Flag Project Tops Goal

Operation Red, White and Blue, sponsored by the Fleet Reserve Association, China Lake Branch 95, came to a successful close on Flag Day, June 14, with a total of 540 flags sold locally. More could have been sold had they been available. It is estimated that the Southwest Region of FRA sold over 250,000.

The annual election of officers was held on June 14 naming Willie Meisel, president; Westy Petraeus, vice-president; Terry Driver, secretary-treasurer. Five members of the board of directors elected were: Thomas Terrebomme; Jim Wheeler; Opel Anders; Orville Morris; and John Totter.

Installation will be held at the VFW Hall in Ridgecrest at 7:30 p.m., July 3. Officiating will be Charles Hergert, FRA National President; and Henry (Apples) Dupree, vice-president of the Southwest Region.

Additional Instructors
New staff members will include



Wilbur Shortt

education courses." Additional evening offerings will make it possible for students to complete the Associate in Arts degree at China Lake — this was previously available here only to apprentice graduates.

The evening division at China Lake was started in the early 1950's with three or four classes and grew to about twenty classes last year. Under the new arrangement, approximately thirty classes will be offered in the late afternoon and evening in addition to the apprentice program which will continue in part during the day.

Additional Instructors
New staff members will include

ROCKETEER

| TEMPERATURES | | |
|--------------|------|------|
| | Max. | Min. |
| June 16.. | 109 | 72 |
| June 17.. | 107 | 75 |
| June 18.. | 106 | 74 |
| June 19.. | 109 | 72 |
| June 20.. | 114 | 79 |
| June 21.. | 114 | 79 |
| June 22.. | 114 | 80 |

Office, Housing Bldg., Top Deck

AOD Man Cited By 11ND Commandant



... ends three year term

Dr. Newton E. Ward, Head of the Aviation Ordnance Department, has been commended by Rear Admiral M. E. Arnold, Commandant, Eleventh Naval District, on the completion of a three-year term on the Pasadena Board of U.S. Civil Service Examiners for Scientists and Engineers and the Inter-laboratory Committee on Personnel Administration.

RADM. Arnold's letter to Dr. Ward reads in part: "On completion of your term of membership, I know that you must sense a satisfaction in having actively participated in a group devoted to the improvement of recruitment, examination, and placement of scientists and engineers for the Naval Laboratories in California."

"Also, as Chairman of the ad hoc committee on 'Avenues of Advancement Beyond Supervisory Positions' in the ILCPA, you made a contribution to the management of the several member laboratories. "It is with pleasure that I commend you for your services and your sincere endeavor in this field of personal relations. I wish you continued success in your position at the Naval Ordnance Test Station."

Dr. Gilbert J. Plain, Associate Head of the Research Department, will be Dr. Ward's successor to the Board.

Supply Department Cites 20 Year Men

Capt. I. S. Moore, Supply Officer, recently awarded 20 year pins to Willis J. Miller, Jr. and Howell M. Davidson who have worked in the Supply Department during their entire combined twenty-year NOTS tenure.

Miller began his Civil Service career at the Boston Naval Shipyard and his experience includes: property and supply clerk, procurement clerk, personnel clerk, mail and file clerk, and storekeeper.

He transferred from the Boston area to NOTS in 1954 as a storekeeper and was later promoted to property disposal assistant with the Disposal Branch, the position he now fills.

Davidson was first employed by the Federal government at the Naval Air Station at Miami, Florida. He has served as a laborer, electrician, chauffeur, storekeeper, property and supply clerk, and radio mechanic.

He came to NOTS thirteen years ago and was assigned to the office of the Supply Director, then to Design and Production. In February 1951, he moved to his present job as equipment specialist with the Technical Division.

"Woman begins by resisting a man's advances and ends by blocking his retreat." — Oscar Wilde.

Young NOTS Engineer Named to Peace Corps

The Peace Corps, a new dimension of the nation's government initiated by President Kennedy to give impetus to the United States foreign affairs, reached across the country to China Lake last week to designate James R. Belisle, 22-year-old electronic engineer in Engineering Department, as a candidate to the project's training program preceding final selection.

James, son of Mr. and Mrs. Herbert Belisle of 402-A Langley, came to NOTS with his parents in July, 1948, graduated from Burroughs High School in June, 1956, and is a graduate of the University of California, Berkeley, class of '60, with a degree in electrical engineering.

He leaves Sunday from Los Angeles to fly to El Paso, Texas, where he is to report to Texas Western College for two months training before final selection can be made among the candidates who have been selected for the Tanganyika project in East Africa, located within sight of Mount Kilimanjaro.

From the approximate 56 slated to start on the training program next Monday, 28 men will be selected—20 surveyors, four map geologists, four civil engineers. Other qualified candidates will be assigned to a reserve pool of Peace Corps volunteers for future projects.

No Place for Softies
Final selections will go on to an additional seven-week orientation program given by the Tanganyikan government. Both courses will be rigorous.

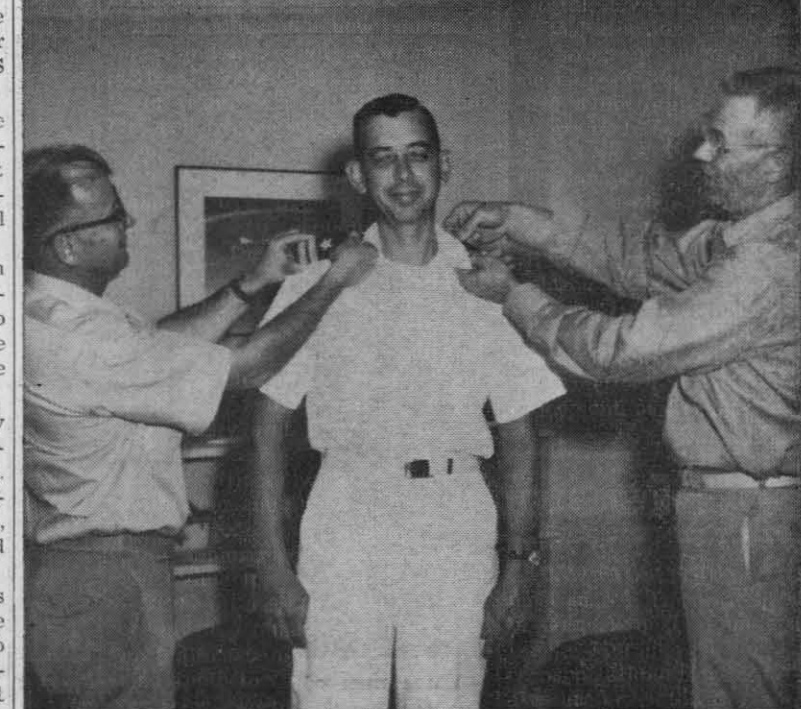
Volunteers for the Peace Corps program were motivated by a stronger force than financial gain or visions of glamour. According to Belisle, the only compensation they can anticipate is \$75 a month, meals, lodging, medical needs and clothing. His incentive to apply could well be representative of other volunteers: a strong desire to serve his country; to help humanity; an opportunity to broaden his experience and education; with adventure ranking last.

As the tasks ahead will be arduous, sometimes hazardous and frequently frustrating, those chosen will require stamina, courage and maturity. Belisle's background throughout his high school and college years pointed clearly why he is being considered for this work.

Long Range Planner
His recreation and social affil-

His supervisor, Wayne G. Zellmer, regrets losing him: "Sorry to lose his talents—he's been a good employee." Belisle's father also works with the Engineering Department, and a brother, Robert, is employed in Test Department.

Belisle's application to be considered to serve in the Peace Corps program was one of thousands who have given answer to President Kennedy's appeal: "Ask not what your country can do for you—ask what you can do for your country."



TOP ASSIST—Capt. Charles Blenman, (l), Station Commander, and Capt. J. A. Quense, Executive Officer, adjust shoulder boards to Lt. Carl L. Vancil's uniform during special ceremonies acknowledging his promotion from Lt. (jg) to Lieutenant. Vancil, Enlisted Men's CO, reported to NOTS from the USS Hancock in June 1960.

What's Doing IN RECREATION

By Jean Cone, Recreation Director



You'll want to get the
Dancing Habit with
Chuck Cabot
AND HIS ORCHESTRA

To Appear Here July 7th and 8th

One of the country's top dance bands, Chuck Cabot and his orchestra, will be coming to play for the adult Station dance which will be held at the Community Center on Friday, July 7.

The entertainment feature with the Cabot band will be famed songstress Wee Bonnie Baker and the dean of off-beat humorists, Billy Rogers.

You will probably remember Chuck Cabot from his appearance at China Lake last year when the Ink Spots were with him. The orchestra's smooth and danceable way of presenting a tune is certainly an invitation for those who enjoy dancing at its finest.

Wee Bonnie Baker and Billy Rogers will also appear at the Officers Club on July 7. Showtime there will be 9:45 p.m. Dinner reservations will be accepted at the Officers Club on that date. Their appearance at the Community Center is scheduled for 11 p.m.

On Saturday, July 8, the band and show will be at the Enlisted Men's Club. The Baker-Rogers show will also be at the CPO Club on the 8th. Show time will be 10 p.m. at the CPO Club and 11 p.m. at the EM Club.

Reservations are now being accepted for groups of eight or more for the Community Center dance on the 7th of July. Call Ext. 7-2010 for your group reservation. Admission will be 75 cents per person.

Sandquist Spa

The tables and benches at Sandquist Spa are going to be painted this week-end, June 24 and 25. No group picnic reservations have been taken for these dates. Everyone is requested not to plan on using these facilities this week-end.

Class Changes

The first class in modeling for adults will be held on Saturday afternoon, July 8, from 1-4 p.m. The rest of the course will be held as originally scheduled, 7-10 p.m. Monday.



GMU-25 REENLISTMENTS—Three men of the Guided Missile Unit No. 25 sign their reenlistment papers. Putting their names on the dotted line (1-r) are: Charles Luster, SK2, for six years. He enlisted in the Navy at Cincinnati, Ohio, in Aug. 1955; R. B. Galvin, FTCA, who enlisted at Warren, R. I., in Jan. 1951, signs over for four years; R. E. Smith, GS2, re-ups for six years. He enlisted in April 1952 at Alton, Oregon, Mo.

SHOWBOAT

FRIDAY JUNE 23

"PEPE" (157 Min.)
Cantiflas, Dan Dailey, Shirley Jones,
plus top guest stars.

(Comedy) Don't miss this! Loveable peon raises a white stallion that is bought by Hollywood director who has to hire Cantiflas to keep the horse from acting up. Cantiflas wins a fortune at Las Vegas and becomes a producer. Loaded with stars, laughs, and tunes. (Superior family film.)

SATURDAY JUNE 24

—MATINEE—
1 p.m.

"TRAIL OF ROBIN HOOD" (67 Min.)
Roy Rogers

SHORTS: "Kingsize Canary" (7 Min.)
"Son of Geronimo—No. 13" (16 Min.)

—EVENING—
7 p.m.

"THE RAT RACE" (105 Min.)
(Comedy-Drama) Aspiring young musician gets room in New York rooming house and arranges to share it with employed girl. His musical instruments are stolen and she becomes obligated to get him a loan. Ambitious youngsters vs. the big city, makes good drama. (Adults)

—SHORT: "This Is My Ducky Day" (7 Min.)
SUN.-MON. JUNE 25-26

"BATTLE AT BLOODY BEACH" (113 Min.)
Audie Murphy, Dolores Michaels, Gary Crosby

(War-Drama) Sub drops guerrilla fighter off on Philippine beach where he meets career confederates and the two reach cutoff American civilian group who they are to evacuate. Unreliable guerrillas and Japanese stage vicious attack. Excitement plus!

(Adults-Young People)
TUES.-WED. JUNE 27-28

"FIVE GOLDEN HOURS" (90 Min.)
Cyd Charisse, Ernie Kovacs, George Sanders

(Comedy) Professional mourner, adept at consoling rich widows, falls for one, but she's not rich so he balks the others and the flies with the last. How he dodges jail is a riot that precedes an unusual finish. (Family)

THURS.-FRI. JUNE 29-30

"MASTER OF THE WORLD" (103 Min.)
Vincent Price, Chas. Bronson, Henry Hull

(Science-Fiction) Morgantown, Pa., residents (1948) hear strange noises coming from a nearby but insurmountable mountain. Federal investigator and industrialist fly over the mountain and are shot down. Jules Verne story tells of fantastic adventure that follows. (Family)

SATURDAY JUNE 30

"UNDERWORLD U.S.A." (99 Min.)
Cliff Robertson, Dolores Dorn, Beatrice Kay

(Crime-Drama) Habitual criminal learns in prison who murdered his father in gang killing. Upon release he goes for vengeance. Plenty of action and gunplay. (Adults-Young People)

Sports Slants

By Chuck Mangold, Athletic Director

The Station baseball team won a free hitting ball game from the Prison Nine at Tehachapi last Saturday by a score of 16-13. The Station team collected 21 base hits while the prison team hit safely fourteen league teams are as follows:

Monday Mixed

| | Won | Lost |
|------------------|-----|------|
| Encled's | 10 | 5 |
| Elders | 9 | 6 |
| Spits & Mrs. | 7 | 8 |
| Legler's Keglers | 7 | 8 |
| Spare Cats | 6 | 9 |
| Six Sick Salmon | 6 | 9 |

Mixed Sextet

| | Won | Lost |
|--------------|-------|-------|
| Pauwows | 11 | 4 |
| Assenders | 9 1/2 | 5 1/2 |
| Pin Pinchers | 8 1/2 | 6 1/2 |
| Out Laws | 7 | 8 |
| Ace TV | 5 | 10 |
| Odds 'n Ends | 4 | 11 |

Scratch League Standings

| | Won | Lost |
|--------------|--------|--------|
| SOGGS | 20 1/2 | 9 1/2 |
| Blue Angels | 16 | 14 |
| Spollers | 15 | 15 |
| ABR-TV | 14 1/2 | 15 1/2 |
| Blue Jackets | 14 | 16 |
| Egadd | 9 | 21 |

Junior Golf Clinic

The Station's golf-pro Paul Some-son announces that a clinic for junior golfers between the ages of 9 and 15 years of age will be conducted on the local course each Friday morning at 8:30 through-out the summer until school starts.

Softball Schedule

June 26
Merchants vs Restaurant 6:30 p.m.
Staff vs Marines 8:30 p.m.

June 27
Restaurant vs Marines 6:30 p.m.
Salt Wells vs Merchants 8:30 p.m.

June 28
VX-5 vs NAF 6:30 p.m.
NOTS vs Staff 8:30 p.m.

June 29
Salt Wells vs Staff 6:30 p.m.
NAF vs Merchants 8:30 p.m.

Softball Standings

| | Won | Lost |
|------------|-----|------|
| Team | 11 | 2 |
| Merchants | 10 | 2 |
| Restaurant | 5 | 4 |
| VX-5 | 6 | 6 |
| NOTS | 6 | 6 |
| Salt Wells | 4 | 6 |
| Marines | 4 | 6 |
| NAF | 2 | 10 |
| Staff | 1 | 11 |

Bowling

After the first five weeks of competition, the standings for mixed

Promotional Opportunities

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

Management Technician, GS-7, PD No. 117005, Code 174—Participates in the operation of the directives and paperwork management program, including the organization manual, code directory and station history. This position may be filled at the GS-5 level to provide for training.

Inspector (Armo Al), 2 vacancies, \$2.98 to \$3.22 p/h. Code 4532—Inspects propellants and hardware for propulsion systems and also explosives and explosive components.

Elec. Accts. Mach. Operator, GS-3, PD No. 18472, Code 1764—Processes data required to satisfy the internal report under the jurisdiction of the Cost Analysis Section, Cost & Analysis Branch, consolidates tabulating card decks into report decks used in developing onstation reports, etc. The hours of this position are from 11 p.m. to 7:30 a.m.

Cost Accountant, GS-9, PD No. 18421, Code 1762—Acts in the capacity of a Journeyman Fiscal Accountant specializing in cost and statistics. Reviews procurement and labor transactions for legality, propriety and availability of funds, maintains internal controls to insure accurate reporting of the distribution of labor and proper recording of leave and attendance, etc.

Budget Analyst, GS-7, 9 or 11, PD No. 117006, Code 173—Participates in preparation of station budget; recommends allocation of funds to departments; provides guidance to departments in preparation of budget data; reviews and evaluates department requirements and justifications and performs related duties as assigned.

Clerk-Typist, GS-3, PD No. 30017-13, Code 6526—Experience in card punch preferred. Types personnel actions on Flexewriter. Maintains departmental mail desk, orders and maintains supplies.

Clerk, GS-3, PD No. 30003-Am1, Code 6526—Maintains personnel jacket files; uses reproduction machines such as ditto, kodak, verifax, etc.

File applications for above positions with Dixie Shonahan, Room 26, Personnel Building, Ext. 7-2676.

Clerk, GS-4, PD No. 28097, Code 3061—Performs duties in section functions such as receiving, recording, and distributing all photographic work for the Photographic Branch. Supervises the duties of still negative and slide film camera as well as the planning and supervision of a program of

uniform photographic caption material preparation.

File applications for above positions with Pat Dentling, Room 34, Personnel Building, Ext. 7-2032.

Welder, \$2.93 to \$3.17 p/h. Code 70422—Performs electric arc welding, oxyacetylene welding. Welds plates, bars, pipes, machine parts, heavy plate, pressure vessels and other material ranging in thickness up to two inches. Works performed inside or outside of shop. Works from drawings and specifications.

Heavy Duty Equipment Mechanic, \$2.93 to \$3.17 p/h. Code 7076—Maintains, repairs, overhauls, modifies and tests heavy-type gas-oline and/or diesel powered equipment as tractors (excavator and wheel types), road grader, crawler, crane, fork lift, railway locomotive, earth moving equipment and attachments for such equipment.

Electrician, \$2.93 to \$3.17 p/h. Code 7045—Lays out, assembles, installs, tests, maintains, and repairs electrical fixtures, apparatus, control equipment, and wiring used in the alarm, radio communication, light and power systems of buildings, overhauls motors, constructs electrical indicating and recording instruments.

Clerk-Typist, GS-4, PD No. 055039, Code 5562—Secretary to Head, Weapons Support Equipment Branch. General secretarial duties, typing, filing, setting up conferences, etc.

File applications for above positions with Sue Wickes, Room 31, Personnel Building, Ext. 7-1393. Deadline date for all applications, June 30.

PASADENA

Supervisory Procurement Clerk, GS-5, PD No. 24682, Code P2562—Incumbent edits contract drafts for selection of contractual data; continuity of contract clauses, selection of proper form to be used; advising on the correct distribution of all contracts and modifications. Supervises screening of sub requisitions, Defense Material System and bid recording functions.

File applications for above position with Nancy Reardon, Pasadena Personnel Division, Ext. 104.

Gems of Wisdom

If you want to get your teeth fixed at as low a cost as possible, you'll probably do better to go either to a young dentist or old dentist. Most dentists charge their highest fees when they are between 35 and 45 years old.

Survey Finds Most Federal Employees Satisfied With Health Benefits Program

Results of a recent survey on the Health Benefits Program at NOTS conducted by the Employee Management Relations Division of the Personnel Department finds that a majority of enrollees are satisfied as the program nears the end of its first year.

Ten percent of all Station employees received a questionnaire and 75 percent of the recipients returned their completed questionnaires.

A summary of the survey reveals that:

- 80 percent are completely satisfied;
- 10 percent would change to another plan; and
- 15 percent had comments and recommended changes in either the plans or service.

Most frequently suggested changes in the plan structures were:

- Smaller deductibles or combined family deductibles; and
- Coverage for additional members of a family such as children over 19 years of age still in school and dependent grandchildren and parents.

Changes concerning servicing of enrollees were recommended to provide more information on coverage and assistance in processing claims.

An outside claims representative for the Aetna Casualty and Surety Company who service the Governmentwide Indemnity Health Benefit Plan will be at NOTS one day each month to help enrollees process their claims. The schedule may change according to local needs.

The first visit is scheduled for Friday, June 30, from 8 a.m. to 5 p.m. in Room "A" of the Community Center except for the lunch hour from 12:30 to 1:30 p.m.

CSC Survey

Preliminary data from a recent Civil Service Commission survey revealed an overwhelming majority of Federal employees are well satisfied with their Health Benefits Program, but many would like to see certain changes made.

Incomplete returns from short questionnaires filled out anonymously by one out of every 10 employees show that:

- Ninety percent of all employees would stay with their present plans; only 10 percent would change if they could do so now.
- More than a third have actually used their plans since the program started last July.
- Four out of every five employees who have used their plans were satisfied.
- About one-third of the employees who have filled out questionnaires suggested specific changes in their present plans, and about one-fifth suggested changes in the overall program.

Major Complaints

Major complaints of the "dissatisfied users" concern: (1) Delays in paying claims, (2) other difficulties with claims forms and procedures, and (3) the belief that the plans "don't pay enough" for what they cost.

The changes most desired by employees (users and non-users combined) whose answers have been tabulated are to: (1) Abolish, lower, or combine individual deductibles

into family deductibles, (2) broaden basic benefits (those paid without regard to a deductible), and (3) pay a larger percent on the expenses that are covered.

Somewhat surprisingly, the level of maternity benefits ranked only 12th on the list of reasons for dissatisfaction among those who have used the plans and 7th on the list of improvements most desired. It had been expected by some that maternity benefits might top both of these lists.

Suggested Program Changes

The overall program changes most frequently requested so far are to: (1) Give employees more detailed and specific information, especially about benefits, (2) provide a Government contribution for married women whose husbands are nondependent, equal to the contribution for other married employees, and (3), establish special, reduced rates for certain groups, such as "young" families, small families, and older couples beyond the child-bearing age.

The Commission emphasizes that these are preliminary findings based on a relatively few questionnaires (slightly more than 15,000) and that later returns may give a different picture.

Additional returns are being coded and tabulated as rapidly as possible so that they can be used in negotiations for new health benefits contracts and in planning for better, faster service to enrolled employees.

Blue Cross-Blue Shield Kits

Blue Cross-Blue Shield Record Kits are being mailed today to all enrollees in the plan. The kits are designed with five pockets to hold brochures, physician's services, hospital expenses, other medical claim forms, and supplemental claim forms and individual medical record sheets.

Danger Lurks At Familiar Corners

The National Safety Council, in cooperation with the Associated Press, counted highway deaths for weeks before and after holiday periods. Same days, same number of hours, same time of year . . . and

THE HOLIDAY DEATH TOLL AVERAGED 25% HIGHER THAN ON NON-HOLIDAYS

Why? Traffic is heavier and, of course, there is more chance for mishap.

WHAT ELSE HAPPENS

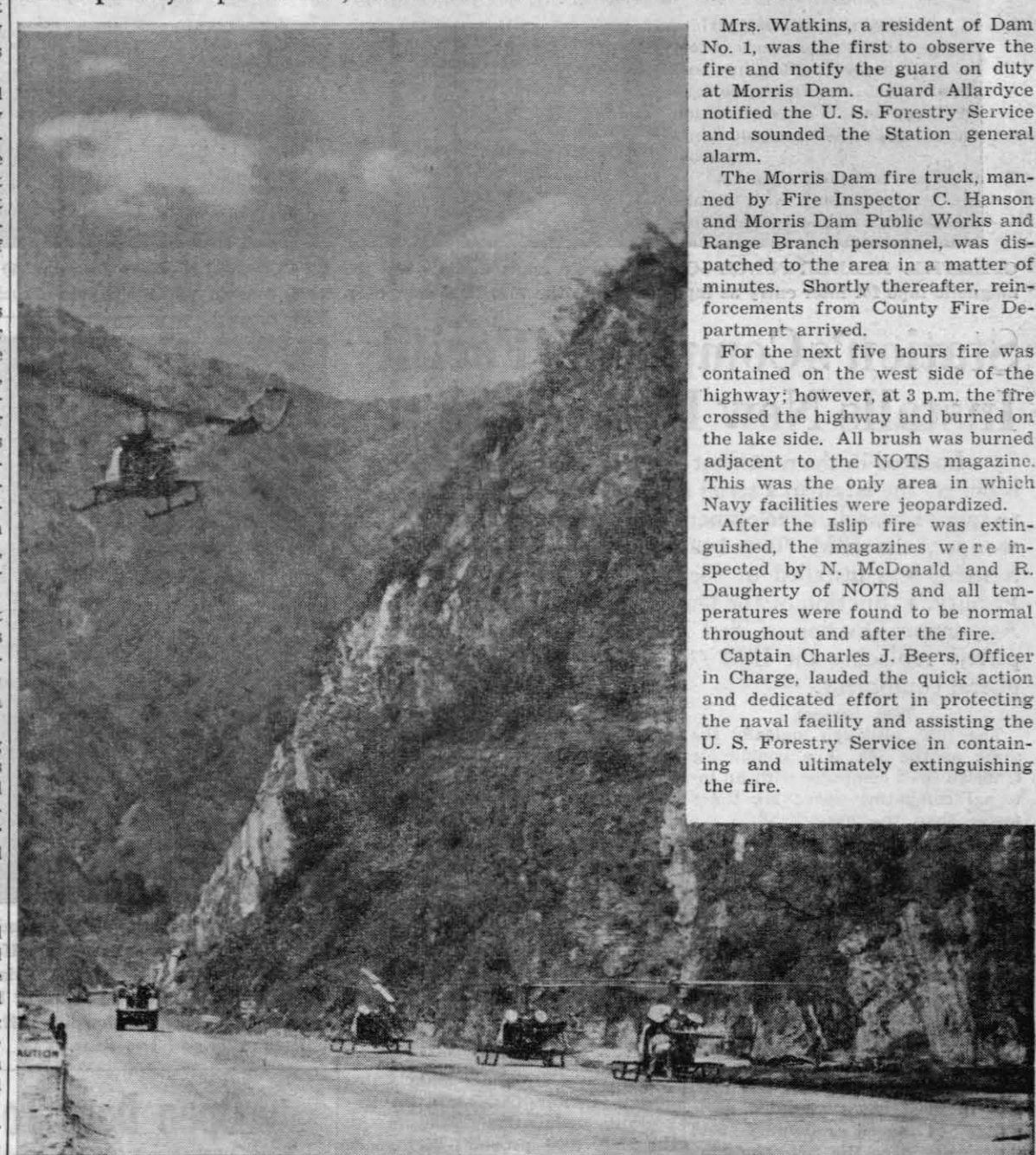
A special survey uncovered this pattern for tragedy:

- 1/2 the fatal accidents happened within 10 miles of home.
- 2/3 were within 25 miles of home, and only
- 7% were more than 250 miles from home.

Don't let familiarity breed contempt. Stay alert—yes, especially in familiar territory!

Canyon Blaze Threatens NOTS Magazine Area At Dam

A fire of incendiary origin came very close to the NOTS magazine cleared area at Islip Canyon last Thursday. The fire originated on the west side of the highway at the Islip Canyon picnic area, about one-half mile north of the main site.



UP AND OUT—U.S. Forestry Service helicopters first sighted at 10 a.m. last Thursday and were prepared to leave the San Gabriel Canyon area to survey firefighting operations. The blaze was reported controlled at 4 p.m. Saturday. Main fire camp was established at Rincon.

Baseball Standings

(Week ending June 17)

Babe Ruth League

| Team | Won | Lost |
|-----------|-----|------|
| Reds | 3 | 0 |
| Cardinals | 2 | 0 |
| Tigers | 2 | 1 |
| Indians | 1 | 2 |
| Yankees | 0 | 2 |
| Cubs | 0 | 3 |

BRL Officials Meet

A general meeting of Babe Ruth League officials will be held next Friday, June 30, at 7:30 p.m. in Room B of the Community Center to discuss proposed changes to bylaws, appointment of a nominating committee, and plans for this season's banquet and awards. League members and parents are invited.

Little League

"A" Teams

| Team | Won | Lost |
|---------|-----|------|
| Tigers | 2 | 0 |
| Giants | 2 | 1 |
| Dodgers | 2 | 1 |
| Yankees | 1 | 1 |
| Pirates | 1 | 2 |
| Red Sox | 0 | 3 |

"AA" Teams

| Team | Won | Lost |
|-----------|-----|------|
| Indians | 2 | 0 |
| White Sox | 2 | 0 |
| Athletics | 1 | 1 |
| Braves | 1 | 1 |
| Cardinals | 0 | 2 |
| Eagles | 0 | 2 |

"AAA" Teams

| Team | Won | Lost |
|------------|-----|------|
| Angels | 2 | 0 |
| Padres | 2 | 1 |
| Ducks | 2 | 1 |
| Hawks | 1 | 0 |
| Mounties | 1 | 0 |
| Buccaneers | 0 | 1 |
| Cubs | 0 | 1 |
| Reds | 0 | 1 |
| Terriers | 0 | 2 |
| Senators | 0 | 2 |



MAGAZINES JEOPARDIZED—Burned trash in the foreground attests to the dangerous proximity of the raging fire and NOTS magazines. The brush in this critical area was extinguished by NOTS personnel and a minimum crew was later assigned to maintain a lookout during the night. Although the fire blazed on the west side of this area for five hours, Navy firefighters, using a fire truck and fire boat, controlled the flames immediately adjacent to the magazines within twenty minutes. A U.S. Forestry Service employee found two incendiary devices at the origin of the fire and released them to the Arson Detail at the County Sheriff Headquarters.