



PRINT-OF-THE-MONTH by PH2 Gerald Burgess, VX-5, shows candid photo caught at recent Whiskey Flat Parade, Kernville. Burgess' quick action with his Mamiyaflex C3 camera set at 125 sec., f.11, netted him a print high in pictorial impact and emotion.

Special Film Set At Local Theatre

A Civil Service film titled "The Extra Step" will be shown at the Station Theatre on Wednesday and Thursday, March 15 and 16, starting at 1 p.m.

This new film shows the importance of good communications. It will give all employees added pride in serving the public well. It also stresses the value received in public relations

by a willingness to take "The Extra Step."

The film will be shown hourly on the afternoons indicated with the last one being shown at 4 p.m. It is also available for showing to groups isolated by distance or work schedule.

For special showings contact the Employee Development Division at 71451 or 71480.

SHOWBOAT

FRIDAY **MARCH 10**
"THE PAD" (And How to Use It) (86 Min.)
Brian Bedford, Julie Sommers
7:00 p.m.

(Comedy/Drama) What happens when a handsome, very girl-shy young man meets a pretty, and very sexy, young lady who accepts his nervous offer of dinner at his apartment? He enlists the help of his lady-killer friend who tries to coach him. Comic and pathos, effort to become a lover. Does he? (Adult.)

Shorts: "Pink Blueprint" (7 Min.)
"AFMR No. 655" (10 Min.)

SATURDAY **MARCH 11**

—MATINEE—

"GIT" (92 Min.)

Jack Chaplain

1:00 p.m.

Short: "Plutopia" (7 Min.)

—EVENING—

"THE BEDFORD INCIDENT" (102 Min.)

Richard Widmark, Sidney Poitier

7:00 p.m.

(Sea Drama) By-the-book skipper of a sub-hunting destroyer takes on a NATO

adviser and a reporter during war games in which they locate a sub in territorial waters and stalk it to a hair-raising climax. Gripping drama. (Adult, Mature Youth.)

SUNDAY **MARCH 12**

"THE TEXICAN" (88 Min.)

Audie Murphy, Broderick Crawford

7:00 p.m.

(Western) Former lawman returns to Rim-

rock, a town under complete control of the saloon-keeper boss, to seek vengeance on the slayer of his brother. Fast thinking and quick draw sends bullets and fists flying. (Adult, Mature Youth.)

Short: "Football Hitties of '66" (20 Min.)

MONDAY **MARCH 13**

China Lake Civic Concert Ass'n

presents

BEAUX ARTS TRIO

8:15 p.m.

TUESDAY-WEDNESDAY **MARCH 14-15**

"WHERE BULLETS FLY" (92 Min.)

Tom Adams, Dawn Addams

7:00 p.m.

(Adventure) Here is a sleeper! Spy spoof about a secret agent's attempt to foil a

spy ring and a foreign government's try to get a sample of a new lightweight metal bomb. Fast-paced suspense, light romances and thrills. (Adult.)

Shorts: "Sugar and Spies" (7 Min.)

(A Roadrunner)

"Jalopy Jockeys" (9 Min.)

THURSDAY-FRIDAY **MARCH 16-17**

"CAT ON A HOT TIN ROOF" (108 Min.)

Elizabeth Taylor, Paul Newman, Burl Ives

7:00 p.m.

(Drama) Classic Tennessee Williams story of a plantation owner's family, the

constantly bickering who rejects the passions of his wife and of the spineless other brother whose only aim is an inheritance. Its early language is offset by ribald humor in this absorbing story. (Adults.)

Short: "Midnight Snack" (7 Min.)

New Book On Summer Jobs

Information on 45,000 summer job openings throughout the United States and Canada for 1967 has just been received by the Station Library in a book titled, "Summer Employment Directory."

Listed are names and addresses of employers, specific jobs they have available, salary and helps in making application. High school seniors, college students and teachers are invited to make application.

The outlook for 1967 summer jobs throughout the country is bright! Early application is strongly suggested, however.



TRAVELED TRIO—Prominence in the world of classical music came for each of the members of the Beaux Arts Trio before they could finally be assembled formally in 1955. Menahem Pressler (center), pianist, has played Mitropoulos, Szell, Ormandy, Stokowski, Enesco, Dorati, Solomon and others; Daniel Guilet, violinist, was concert-master under Toscanini; and Bernard Greenhouse, cellist, drew high praise from Pablo Casals.

Beaux Arts Trio of String Virtuosi To Present Concert Here Monday

The Beaux Arts Trio of New York will be presented in concert by the China Lake Civic Concert Association on Monday evening, March 13, at 8:15 p.m. at the Station Theater.

The Trio consists of Menahem Pressler, piano; Daniel Guilet, violin; and Bernard Greenhouse, cello. Included in the concert will be the Trio No. 1 in G major by Haydn; Trio in D major, Opus 70 by Beethoven; Vitebsk — Trio on Jewish Themes by Copland, and Trio in D minor, Opus 49 by Mendelssohn.

"The Beaux Arts Trio of New York" was officially formed in 1955. They made their debut at Tanglewood in an all-Beethoven program, and the following debut tour of the United States and Canada was a sell-out success. In January of 1956 they made their official New York debut under the distinguished auspices of the Frick Collection.

Since that time, the group has made tours of Europe, Israel, and South Africa. Robert Casadesu called them "the finest trio I have heard in America." Arturo Toscanini said: "An inspiring experience — fine chamber music with impeccable taste and musician-

ship." Menahem Pressler, the pianist, was born in Magdeburg, Germany, but fled with his family to Israel when Hitler came into power. He began his professional career in his adopted country, and jumped to international prominence when he won the Debussy prize at the age of 17, after flying from Tel Aviv to San Francisco especially for the contest.

Daniel Guilet, violinist, is famed in Europe and America as soloist and as a chamber musician. In 1951 he became concertmaster of the NBC Symphony Orchestra and remained in that position until the death of Toscanini. He plays the "Hrimaly" Stradivarius, dated 1712.

Bernard Greenhouse, cello, formerly a fellowship student

There continues to be a heavy demand for camp counselors ages 19, 20 and older. Camp salaries are up; minimum salaries have increased \$50-\$100 while maximum salaries have pushed ahead \$200-\$400.

Openings are for waitresses, clerks, bus boys, maids, cooks, kitchen helpers, lifeguards, musicians, and maintenance workers at resorts and national parks.

Actresses, actors, technicians and other personnel are needed at summer theatres. Office help and workers of many types are wanted by ranches, restaurants, business, industry and government.

New Ejection System Offers Pilot Safety

Sequencing Is Major Feature For Safer Exit

BY JOHN R. McCABE

"Zero-zero capability" will soon be available to the pilot in trouble who must eject, as well as a safer bail-out at speeds approaching that of sound, if tests now underway at the SNORT supersonic track facilities prove out a new, improved ejection system for three Navy jets.

Last week, SNORT people led by project engineer Bob Bush and representatives from McDonnell Aircraft Co. led by laboratory engineer Murray Q. Tanner conducted a rocket ejection test with the new Martin-Baker seat and McDonnell sequencing system. An F-4 Phantom II fuselage was placed on the ground near the SNORT track, and two seats were ejected in sequence—carrying instrumented dummies.

The new system is designed to be fitted into present operational F-4's (McDonnell), F-8's (Ling-Temco-Vought) and A-6A's (Grumman), according to Bush. The Martin-Baker seats extend to zero speed and zero altitude the escape "envelope" available to pilots. The other end of the envelope extends to the 600-knot region.

Further tests coming up at SNORT will test the seat at 350 to 600-knot speeds. Tests at zero to 250 knots have already been conducted at Lakehurst, N. J.

As each of the different makers' planes come up for testing with the new seat, their company engineers and technicians will work with each seat-ejection system set-up. The three-year-old program to retrofit a number of current Navy aircraft with the new seat will extend into 1968, according to Bush.

Safety in Sequence

"This was the first time the seats have been jettisoned from an F-4 with a new McDonnell ejection sequencing system," says Tanner. Both the sequencing system and the Mk-H7 seat are new, he points out, and adds that a number of small modifications need to be made to each different fuselage before the seats are fitted.

"A special advantage of the new ejection sequencing system is that one of the pilots can eject the other in an emergency, in case the other is injured," says Tanner.

Explosive cartridges boosted each seat out of its place in the ground-bound fuselage in last week's test, and rocket motors took over to loft the seats upward and forward. Parachutes then deployed to ease the seats with their instrumented dummies to the sand.

Testing Purposes

The dummy in the front seat was called a "five percent dummy," that is, it was as big or bigger than five percent of real-life Navy pilots. The dummy aft was a "95 per-



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TEST OF EMERGENCY — Technicians and engineers swarm over the ground-bound and abbreviated F-4 Phantom II (Top photo) just after its two seats were ejected forward and aloft, then deposited with their dummy occupants on the sand. Net, behind, caught both canopies (and its crossbar also caught some of rocket blast from aft seat). On fuselage (l-r) Frank Klote checks instrumentation, Randy Eady takes photos and Murray Tanner, head of the McDonnell

team, jots down his observations, while (at right) Bill Lester and John Huhn look toward ejected seats ahead. All are McDonnell people except Eady, a Mich Lab photographer. IN BOTTOM PHOTO, Bob Bloomquist checks calibration of dummy's telemetry package right after successful ejection of seats and dummies from F-4 fuselage. Instruments on the pilot stand-in recorded acceleration forces and "spin rate" during seat ejection.

100 People Receive Parking Citations

Approximately 100 Station residents have received parking citations over the past month for failing to get their vehicles off the street during hours reserved for street cleaning.

In a great majority of cases, evidence indicated simple for-

getfulness on the part of the owner. Security intends to maintain continuous surveillance of areas scheduled to be cleaned.

Residents should become familiar with the hours that their street is to be cleaned, and remove their vehicle.



LCDR. RUSSELL MYERS, JR.
IRWIN I. SHULL

LCdr. Myers Gets Newly Designed Post in Hawaii

LCdr. Russell Myers, Jr., Assistant Public Works Officer, will soon leave NOTS after not quite 14 months at Code 70, for a newly created position in Hawaii.

He will leave China Lake about March 17 to become Utilities Projects Manager for Southeast Asia, a position set up only two weeks ago in the Pacific Division Naval Facilities Engineering Command. He says his job will be to help bring electric power to Viet Nam and perhaps also Thailand. He expects to commute from his office at Pearl Harbor to Southeast Asia sites.

Replacement Coming

LCdr. Myers' replacement as Asst. Public Works Officer will be LCdr. John J. Farbarik, who is to come aboard NOTS toward the latter part of June from duty in Bangkok, Thailand.

Until then, Irwin I. Shull, head of Code 70's Engineering Division, will serve in the slot.

Dear Friends

Our sincere thanks to the many friends from China Lake, Pasadena, NAF, and VX-5, who did so much to make memorable the events surrounding our departure from NOTS. We shall never forget the many kindnesses shown us, the ingenious events of the farewell party, nor the wonderful gifts you made possible.

Borrowing from the gospel according to Peanuts, — Happiness is belonging to the China Lake fraternity. We consider ourselves life members. Bless all of you.

Dee and John Hardy

CROSSWORD PUZZLE

Answer to Previous Puzzle

ACROSS

- 1-Bother
- 4-Near
- 6-Seen
- 11-No one
- 13-Rented
- 15-Preposition
- 16-Recuperates
- 18-Behold!
- 19-Parent (colloq.)
- 21-Paper measure
- 22-Spreads for drying
- 24-City in Nevada
- 26-Edges
- 28-Female deer
- 29-Droops
- 31-Lease
- 33-Manuscript (abbr.)
- 34-Source of water
- 35-Actual
- 38-Note of scale
- 40-Sandbar
- 42-Man's name
- 45-High mountain
- 47-The sweetsop
- 49-Arrive
- 50-Expires
- 52-Golf mounds
- 54-Greek letter
- 55-Printer's measure
- 56-Church dignitary
- 59-Note of scale
- 61-One in last year in college
- 63-Parent
- 65-Eats
- 66-A continent (abbr.)
- 67-Greek letter

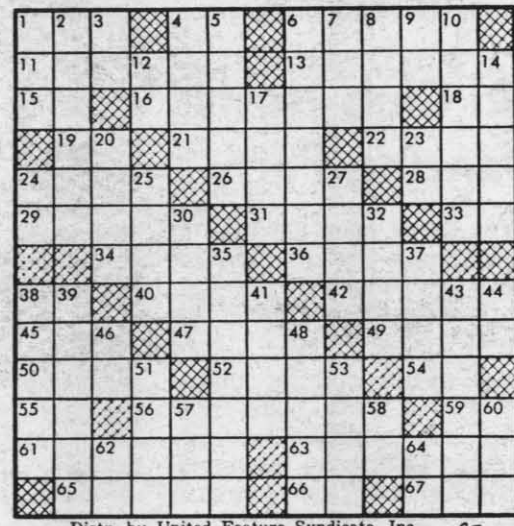
DOWN

- 1-Emmet

ROSES SETON
REDEEM ORIGIN
ALOE EERIE ME
PAR PARTS ABE
ET TAINS WILD
DERIES MALES
HARD SIRE
BRADS PLENDED
RARE FEELS LO
ART BRAND VAN
CELENS TITO
ESSENE RAISER
TIMES RAGED

35-Missives
37-King of beasts
38-Diminishes
39-Placed in line
41-Sense
42-Charm
44-Compass point
46-Hebrew letter
48-Junctures

51-Twirl
53-Portico
57-Fish eggs
58-Latin conjunction
60-Macaw
62-Symbol for nickel
64-Pronoun



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Technical Presentations Process 4,000 Visitors Annually



SERVE REFRESHMENTS The duties performed by Technical Presentations are many. One of the services includes the serving of refreshments. Here Beverly Weisbrich,

right, and Elizabeth Von Huene serve coffee to one of the many groups that have visited the Station. This of course is in addition to their office jobs.

Five Responsible For A Multitude Of Varied Duties

BY DAVID L. KIMSEY

There is an office on the Station, with a staff of five, which, during the course of a year, will have occasion to meet more visiting dignitaries, high ranking military officials, foreign travelers and civic organizations than most of us will ever meet in a lifetime.

This same office, however, manages somehow to stay in the background, passing on any necessary credit or prestige for these visitors and the smoothness in which they are handled, to other appropriate departments.

The office to which we re-

fer is that of the Technical Presentations Coordinator, headed by William H. Hampton, and assisted by Richard W. Rusciolelli, John R. Mussler, Beverly J. Weisbrich, and Elizabeth R. Von Huene. As astronomical as it may sound, these five people were responsible for the coordination of nearly 4,000 visitors during 1966.

In order to try to give some insight as to the scope of varieties handled by this office, here are a few of the varied groups that visited the Station during 1966. Military and Government Agencies, people from foreign countries, civic organizations, and Naval Reserve Officers.

In addition to this, they were responsible for week-end tours, programs for teachers and students, on-Station groups, mid-week programs for officers



GROUP ARRIVES—Technical Presentations meet a group of people arriving at the air field and take them by bus in this case to their destination.



EXPLAINS DISPLAY—Dick Rusciolelli of Technical Presentations explains one of the highlights of a display at the Maturango Museum to the Adult Education Program Coordinator from San Jose.

Photos By
PH3 Jerry Willey

IT ISN'T EASY—It's all too easy to take another person's job for granted. Consider the problems that could arise in providing services and facilities for a group of this size, yet this is only one of many such groups.

and enlisted men, and of course some 50 meetings, symposiums and technical presentations. In all, this small group was responsible for an astounding 234 different programs during the year.

Most Services Unknown

Most of the services provided by the office of Technical Presentations Coordinator are either unknown or taken for granted by a vast majority.

Some of the functions that many assume are automatic but definitely are not include: Special presentations and tours, conference rooms and projection assistance, on-Station overnight accommodations, and special arrangements at the Executive Dining Room or Commissioned Officers' Mess.

In addition to these duties, the staff also provides associ-



THIS IS THE TEAM—It's hard to believe, but these five people were responsible for the coordination of nearly 4,000 visitors last year. A sizeable job in anyone's language. From left to right, Richard W. Rusciolelli, Beverly J. Weisbrich, John R. Mussler, Elizabeth R. Von Huene and Technical Presentations Coordinator, William H. Hampton.

ated services such as the preparing of invitations, arranging suitable programs, scheduling events, setting up agendas and coordinating the printing and distribution of programs and brochures.

Standing Policy

It has been a long standing policy of Command to encourage interested groups and persons to visit the Station. Because of this policy, Technical Presentations has the responsibility of ensuring that these visitors receive the best accommodations and services that NOTS has to offer.

It may be surprising to many, but the requesting of the services of this group is not limited to the higher commands. If you are a local organization, a department unit, or a NOTS employee, and you want to invite someone or some group to visit the Station, and

if special arrangements are required, all you have to do is to make your needs known.

They will then take care of the rest. Of course, they would appreciate as much advance notice as possible. Usually four weeks notice will be enough.

Procedure Simple

In the event you are planning to invite someone or a group to make an official visit to NOTS, the procedure is simple. As soon as you decide to make the invitation, and before you agree to a specific date or make any plans or arrangements for their visit, contact the Technical Presentations Coordinator's office to ensure that all required accommodations will be available. This will help to avoid conflicts with other visiting persons or groups. Of course, if you should have any questions, they will be happy to answer them.



FAVORITE VISITING SPOT—One of the most popular places of all visitors is the Maturango Museum. Here an Adult Educa-

tion group looks over some of the interesting displays. People are often amazed at the artifacts found in this area.



FRESNO GROUP—A Navy League group from Fresno recently witnessed a bombing test at C-Range. Transportation, food and

lodging for this group was all in a day's work. Explaining the demonstration is Cdr. F. W. Bustard, Target Officer.



EVERYONE IS INTERESTED—The bus driver who transported the San Jose Adult Education group, and also a member of the group, inspects a display at the Museum.

NOTS Pasadena

VIRGINIA E. LIBBY — EXT. 638



H. I. SCRIBNER, retiring from his NOTS career, performs a test on the "HYDRAT" machine which is used for measuring drag reducing properties of various materials.

H. I. Scribner Leaves 21-Year NOTS Career

H. I. Scribner, part of the familiar scene at NOTS since November, 1945, now plans for his life of retirement.

"Scrib," as he is known to his many friends and associates, has been with the Propulsion Division for his entire 21-year NOTS career. The majority of time he was the engineer in charge of operations in the Model Lab, during which time the first test of the Polaris missile was made.

He received his B.S. degree in Electrical Engineering from

CalTech in 1921, with a brief time out to serve in the Coast Artillery during 1918.

He is a charter member of the CalTech Chapter of the National Honorary Engineering Society, Tau Beta Pi. The class of 1921 petitioned for the Cal-Tech Chapter.

Scribner has a Navy Commander son, H. Irving, Jr., a graduate of Annapolis; a daughter, Barbara McCaghen, and four grandsons.

He and his wife, Mary, are residents of Pasadena.

Low Bowls Are Striking High

BY RAY HANSON

How tight is the NOTS bowling league race? Would you believe, tighter than a fathead's hat band? Or rawhide ski pants? Anyway, the Low Bowls are in first place — for the moment — with a record of 53.5 wins and 38.5 losses. The El Toros are second, at 53-39. The White Tornados are third (51-41); Mert's Marshmallows fourth (50.5-41.5) and the What-NOTS fifth (50-42). Notice that only 3.5 games separate the first five teams. In this league, everybody works without a net.

High scores for the 23rd week are as follows: team series, White Tornados, 2942; team game, What-NOTS, 1008; men's series, Lloyd Hagnas, 653; men's game, Bill White, 251; women's series, Ruth Neff, 636; women's game, Maxine Talbot, 224.



LT. IRA L. DURBIN

Welcome Aboard

Reporting to NOTS as the new Long Beach Sea Range Officer, Lt. Ira L. Durbin comes from duty as Engineering Officer aboard the USS Frontier (AD 25), where he served from January 5, 1964 to January 13, 1967.

Born in Hodge, Louisiana, Lt. Durbin entered the service in October 1942 with the USNR V6 Program. His many decorations during his naval career include the Presidential Unit Citation, Good Conduct, American Campaign, Asiatic Pacific Campaign, World War II Victory, National Defense, China Service, Viet Nam Service, and Philippine Liberation.

Lt. Durbin and his wife, Ruth, are residing in Long Beach. They have a son, David 20, and a daughter, Sherrie Lynn 19.

Amphibious Force Congratulated

Navy Secretary Paul B. Nitze has congratulated the U.S. Amphibious Force on its Silver Anniversary, Feb. 20. "Since the birth of the Amphibious Force 25 years ago," the secretary said, "it has added many dramatic pages to the history

of the United States Navy." Secretary Nitze said the Amphibious Force, with the Marine Corps, has extended a powerful arm of sea power ashore at Guadalcanal, Tarawa, Iwo Jima, Normandy, Inchon, and today in Vietnam.



IDEA MEN — Four members of the Guidance and Control Division have been rewarded for a large amount of thinking. D. J. Wilcox, Head, Underwater Ordnance Department (U), smiles his approval as Capt. G. H. Lowe, ComNOTS, presents Patent Holding Awards to (left from Wilcox) John Brooks, Orrin Albert and Don Robinson. (Also John Mayr who was not present for

picture.) Brooks and Albert received a joint award for their, "Torpedo Steering Control and Roll Stabilization Apparatus." Robinson and Mayr shared the award for invention of a "General Purpose First Order Hold Digital To Synchro Converter Utilizing a Counter As Integrator." Each man received a \$50 check for the initial award.

—Photo by PH2 Ralph Robey

PROMOTIONAL OPPORTUNITIES

To apply for positions, contact Christine Marchand, Pasadena Personnel Division, Extension 278. A current SF-58 must be submitted when applying.

Electronic Engineer, (Instrumentation), GS-9, 11 or 12, Code P5511—Electronic Engineer with background in digital and analog computers to assist in technical support for solving the production and in-flight problems associated with a shipboard Fire Control System for ASW weapons.

General Engineer, GS-11, or 12, Code P5511—Responsible for electro-mechanical design, test and evaluation, documentation preparation and contractor effort on the BDU-24/C training weapon.

Mechanical Engineer (Ordnance), GS-9, 11 or 12, PD No. 6P55002, Code P5511—Performs failure analysis of mechanical weapon components. Redesigns components and subjects them to required performance environmental testing. Prepares procurement documentation and follows designs through transition phase from development to production and fleet support.

Civil Engineer or General Engineer, GS-9 or 11, PD No. 1P71007, Code P711—Planning and design of civil and structural facilities and specification writing for work to be performed on contract.

Mechanical Engineering Technician, GS-11, PD No. 7P71001, Code P711—Responsible for site investigations, utility surveys, and resolution of "on-site" problems as Public Works Engineering Division representative at San Clemente Island.



"SORRY ABOUT OUR DATE SUGAR, BUT CHIEF SWEENEY IS USING ME ON A NIGHT RESCUE MISSION!"



HARDROCK PUNCH — Don MacLachlan, Editor of Gems and Minerals Magazine, Al Cies, newly elected president of the Indian Wells Gem and Mineral Society, and Hank Wittenmyer, outgoing president (l to r) sample punch from a 375 pound geode during the Club's recent officer installation meeting.

International Fair Is Theme Of WACOM Luncheon Tuesday

International Fair is the theme for WACOM's luncheon on Tuesday, March 14, to be held at the Commissioned Officers' Mess.

Alice San Andres from the Philippine Islands, the American Field Service student, and Mark Metcalf, who participated in the American Abroad Sum-

mer program, will be the featured guests.

Rare and private collections from around the world will be featured. The Social Hour begins at 12 noon with luncheon following at 1 p.m. Guests are welcome, and reservations can be made by calling Gean Romero at Ext. 72928 by Sunday, March 12.

Four Station Employees Receive High Certificates of Merit

John Holden, Code 5503; C. H. Anderson, Code 5563; and Dillard Bullard, Code 5563; were presented with Department of the Navy Certificates of Merit by Capt. Robert Williamson II, NOTS Executive Officer, at a ceremony honoring the group Feb. 24. Capt. Williamson also presented a personal letter of commendation from Capt. J. I. Hardy to each

employee.

These engineers received the Certificates of Merit in recognition of their cost reduction achievement through development of the integral bulkhead motor tube for the 2.75-inch rocket. Value engineering and redesign of the original motor tube resulted in a reduction of 27 percent in production costs and 17 percent in assembly

and loading costs.

Jack Loss, former head of the Document Distribution Branch, Code 5554, also received a Certificate of Merit for his accomplishment in improving the management of the NOTS Design Disclosure control function at a reduced cost. Loss left the Station last November for a position in Washington.

The Certificates of Merit, signed by ADM. I. J. Galantin, Chief of Naval Material, and Graeme C. Bannerman, Asst. SecNav (Installations and Logistics), read "... in special recognition of a significant cost reduction achievement which has contributed to the Department of the Navy's attainment of Seapower for National Security at the lowest possible

cost."

Capt. Williamson received the certificates at an Executive Briefing of the Department of Defense Cost Reduction Program, held at Point Mugu on February 9. A. B. Monson, Code 174, the Station's Cost Reduction Program Coordinator; Wayne Zellmer, Code 5503; and George Craig, Code 174, accompanied Capt. Williamson.



COMMANDS RECEIVE — Capt. Robert Williamson II, NOTS Executive Officer, left, and Capt. Romero Perez, OIC Navy Ships Engineering Center, Port Hueneme receive Certificates of Merit to be presented to personnel in their organizations from A. T. Cobert, Naval Material Command, during a recent ceremony at Point Mugu.



HIGH AWARDS — Ted Lotee, left, Head, Fleet Engineering Division and George Cleary, right, Chief Engineer looks on as (l to r) John Holden, Dillard Bullard and Cliff Anderson proudly display Department of the Navy Certificates of Merit, presented by

Capt. Robert Williamson, II, NOTS Executive Officer. Jack Loss, former Head, Document Distribution Branch also received a Certificate of Merit but was not present for photo

—Photo by SA Mike Reid

Two NOTS Men Attend San Diego Meet To Reduce Laboratory Costs

Clarence J. Renne, China Lake, and Mabry Van Reed, Pasadena, are attending a two-day meeting this week in San Diego to discuss ways and means to further reduce costs in the operation of Navy laboratories in California. The meeting, which began yesterday and will conclude today, is being held at the Navy Electronics Laboratory.

Renne and Van Reed, along with Kenneth H. Robinson, Code 75, are members of the Navy's West Coast Inter-Laboratory Committee on Facilities (ILCF), a loose federation of eight Navy research, development, and test facilities. Robinson, senior committee member, whose NOTS Liaison Officer duties prevented him from attending the meet, states that during the past five years, the committee has averaged \$406,000 savings per year, or over \$2 million savings in laboratory operation for the five-year period.

"We achieve these savings by the cooperation of member laboratories," he pointed out.

Operates Informally — "We operate informally. We call members at various commands to borrow expensive equipment or tools for a one-time job, to get equipment modified or repaired, to obtain consultation services, to utilize special test facilities, or to get technical jobs done that can not be done by the requesting facility," Robinson detailed.

Robinson cited a saving of \$35,000, on one occasion, when NOTS China Lake loaned 35-mm photo instrumentation equipment to the Naval Ordnance Laboratory at Corona. On another occasion, \$22,000

and five months of valuable project time were saved when the Pacific Missile Range at Point Mugu loaned some hard-to-get countermeasures equipment to the Corona Lab, he noted.

"The Naval Missile Center of Point Mugu saved us \$15,000 and months of time on our guided missile test programs by transferring MPS radar sets to our China Lake command," Robinson emphasized.

Duplication Avoided — Renne pointed out that ILCF often helps labs avoid duplication of purchases of expensive electronic equipment. "If a lab needs gear for a one-time project," he said, "chances are some other lab can loan it to them. Only equipment that is used repeatedly needs to be purchased."

A former ILCF secretary, Renne reports that last year member laboratories cooperated in loaning high-cost equipment, machining highly intricate parts, winding motors and transformers, calibrating equipment, and providing technical advice and assistance.

Van Reed points with pride to the committee's ability to cut through red tape which hampers so many government activities.

"One simple form is used by the committee to record an entire transaction. It takes less than 60 seconds to fill out this form," he observed. "If a transaction takes less than \$500, we can start action with a phone call," he emphasized.

Any NOTS group desiring to use the NOTS committee to find out if it is possible to borrow equipment or talent from a member laboratory should

contact one of the following: Kenneth H. Robinson, Ext. 71658; Clarence J. Renne, Ext. 9297, or Mabry Van Reed, Pasadena, Ext. 623.

Formed in 1949

The Inter-Laboratory Committee was formed in 1949 by NOTS, China Lake; the Naval Missile Center and Pacific Missile Range, Point Mugu; and the Navy Electronics Laboratory, San Diego, according to charter member Robinson.

Since then four other activities have been added: the Naval Civil Engineering Laboratory, Port Hueneme; the Naval Ordnance Laboratory, Corona; the Naval Radiological Defense Laboratory, San Francisco; and the Naval Postgraduate School, Monterey.

The committee meets 8 to 10 times a year. Two to four of these meetings are held at alternate laboratories to enable members to become familiar with the facilities of each installation. The other meetings are held at the most central location which is NOTS Pasadena.

Machinery Assoc.

Francis V. Wagner, Vice President, Western Operation of Informatics, Inc., will be the guest speaker at the Antelope Valley Chapter of the Association of Computing Machinery meeting, Tuesday evening, March 14.

The meeting will be in Lancaster at Arturo's Casa Loma, one block south of Avenue J at Sierra Highway. The event will get under way at 6:30 p.m. with a social hour, followed by dinner at 7:30. The meeting will begin at 9 p.m.



HOSTED BY THE PERSONNEL DIVISION, new employees were introduced to all phases of Station procedures and activity during a day's orientation tour last week. Following briefings on safety, security, medical

and personnel policies, the group was escorted on a tour of Station laboratories where technical personnel explained current projects. Approximately 50 new personnel were able to attend.

CHAPLAIN'S MESSAGE

Bar Mitzvah

BY STUDENT RABBI MEL SILVERMAN



After reading the Most Rev. Fulton J. Sheen's pronouncement on his church's need to inaugurate a new ceremony for young Catholics at the age of 13 (Time, Feb. 24, 1967), I was reminded of the words of 18th Century Hasidic rabbi who said: "When a child is taught to walk, his parents holds his hand at first; then he allows him to walk alone, but stands near by; then he goes further and further away from him, until at last the child becomes accustomed to walk steadily on his own feet."

In the same fashion, the erstwhile Bar Mitzvah should have his religious school teacher's close attention at first; then he should be permitted to lead himself more and more. Too often the rabbis give their sole attention to the adults, while the adolescents receive only scant attention. It is further taught by the history of our people. At its inception, God provided the new nation of Israel with every necessity under the uninterrupted guidance of Moses. Then from time to time he sent Judges to raise up Israel when he stumbled. Later He sent the Prophets and Rabbis to lead Israel, without granting to them any powers of rulership.

God believed that the time had come for Israel to have attained maturity. The people now understood the benefit of obeying leaders who instructed them not by the might of their hand, but by the influence of their spirit."

One of the crying needs of youth is parental trust. Judaism believes that with right spiritual and intellectual guidance the boy or girl of 12 years and 11 months and 364 days, is just about ready to "walk steadily on his feet."

Cost Reduction Program Gets Full Navy and Station Support

A revised NOTS Instruction was recently issued emphasizing the Station's full support of the Navy's on-going program of cost reduction.

The directive, NOTS INST 5220.1A states: "NOTS prides itself on its ability to generate economical and efficient weapons. Thus, the reduction of cost in the accomplishment of the mission of the Operating Forces of the Navy is a continuing objective of NOTS. Therefore, cost reduction is not a special or one-time effort at this Station. It is important, however, that we continue our emphasis on achieving cost savings and on reporting our accomplishments."

DOD has recently made some changes in its criteria for evaluating savings. New, improved, or intensified methods that achieve better and less costly ways of accomplishing the Station's mission form the basis for approved savings.

Some examples of reportable actions are simplification of work methods, consolidation

of functions, value engineering of weapons, improved packing and packaging, reduction in technical reports requirements, and modification of surplus equipment for use instead of new procurement. Areas in which savings may be reported cover various aspects of the Station's work through reduction of operating and production costs.

Such actions, even though an idea originated in the previous year, are creditable provided the resulting dollar savings occurred during the current fiscal year. Beneficial suggestions that meet the criteria of the cost reduction program may also be reported.

NOTS has set its cost reduction goals high for fiscal year 1967. Station employees are urged to contribute toward meeting these goals. Personnel who have savings to report may contact the Cost Reduction Program Coordinator, Code 174, extension 71712 or 71376, for further information or assistance in developing a reportable item.

PROMOTIONAL OPPORTUNITIES

General Engineer, GS-12, Code 5573, PD No. 755038—Position is that of Project Manager for the Weapons and Deney Weapons under the Conventional Weapons Manager in the Weapon Systems Management Division. Major duties include Technical Direction (60%) and Administration (40%). The incumbent must be an experienced general engineer with experience in mechanical and systems engineering and a background in aeronautical, chemical and electronic engineering.

General Engineer, GS-12, Code 5573, PD No. 755037—Position is that of Project Manager for the Rocketry Weapon under the Conventional Weapons Manager in the Weapon Systems Management Division. Responsible for the production, performance, technical correctness, and evolution of the complete Rocketry Weapon System assigned to the Division (60%). Close technical liaison will be maintained by the incumbent with contractors, NASC, DCA, and Navy and Air Force field activities. Administration duties include (40%).

Supervisory General Engineer, GS-13, PD No. 13902-A, Code 5551—Position is that of Branch Head of the Production Department Branch 1. The primary mission of the Branch is to accomplish design improvement and production engineering of electro-mechanical portions of complete weapon systems. Major elements of the position include Planning and Administration (70%) and Technical Participation (30%). Problems faced by the Branch Head include both electrical and mechanical engineering as applied in the production engineering and design improvement of a weapons system from the time it is placed in pilot production until the design becomes obsolete.

File application for above with Joan Cheever, Bldg. 34, Rm. 28, Phone 71514.

Head (Lithographic Printing and Bldg.), WP-44258-46, Code 7513—"Subsequent to attaining journeyman status within the trade, all applicants must have had one year of experience as a journeyman Photolithographer (Half-tone), Lithographic Pressman (17 x 22) or Film Assembler-Stripper (Color Separation)."

File applications for the above with Carolyn Cadie, Bldg. 34, Rm. 28, Phone 71648.

Electronics Technician, GS-9, PD No. 435088, or GS-11, PD No. 535047, Code 3512—Position is in the Walleye development project, incumbent serves as the primary project instrumentation and telemetry coordinator. He designs, constructs, tests, and installs airborne telemetry and instrumentation systems. He operates ground station readout equipment during the tests, provides for data reduction, and analyzes the data results.

File application for above with Mary Morrison, Rm. 32, Bldg. 34, Phone 72032. Chief Dictionary Machine Transcriber, GS-314-3, PD No. 670012, Code 703—This position is located in the Public Works Department, Engineering Division. The purpose of the position is to furnish clerical services to the engineers of four Branches in the Division. Duties include preparation of reports, correspondence, personal and telephone contacts, filing and miscellaneous.

File applications with Dora Childers, Rm. 32, Code 457, Bldg. 34, Phone 71393. Machinist (Maintenance), JD No. 37-2, Code 70423—Overhauls, maintains and repairs machines and machinery installations such as machine shop equipment, ordnance plant processing equipment and machinery, power plant equipment, large pumping plant equipment, and range testing equipment.

File applications with Dora Childers, Code 457, Rm. 32, Phone 71393.

STATION LIBRARY LISTS NEW BOOKS

Fiction

Condon—Any God Will Do.
Knebel—The Zinzin Road.
Spicer—The Burned Man.
Non-Fiction
Buchwald—Son of the Great Society.

Caldin—The Ragged, Rugged Warriors.
Churchill—Winston S. Churchill; Vol. 1: Youth, 1874-1900.
Cottrell—The Quest for Sumer.
Federal Writers' Project—Arizona. 4th Edition, 1966.
Goddard—Formosa.
Hicks—Desert Plants and People.
Information Please Almanac, 1967.
MacCampbell—Writing for Publication.

Social Security Rep.

China Lakers with questions about Social Security provisions will be able to consult with a representative of the Administration next Tuesday, March 14.

Frank Rice of the Social Security Administration is to be available at the Community Center from 2 to 4:30 p.m.

'DESERT PHILOSOPHER'

Gold Panning Contest

By "POP" LOFINCK



Last weekend I went over to the Tropico Gold Mine, Mill and Camp—five miles west of Rosamond on Highway 14—which is 15 miles north of Lancaster—to observe the Seventh Annual World Championship Gold Panning Contest. The contestants come from all over the West.

Efficient planning must be learned like golf. As in previous contests I wanted to learn the most efficient motion and procedure—but there isn't any most. Each champion or near-champion has his own method worked out for himself over the years.

Gold panning is a good hobby. Good exercise—out in the open—the thrill of anticipation—and an education in geography and geology. And, to the persistent, it may pay off in a big way someday. Some of the women are as good as the men. It seems to take concentration and rhythm. That's the only thing the champions have in common.

The World Championship Gold Panning Contest is sponsored by the Kern-Antelope Historical Society, the Rosamond Chamber of Commerce, and the Tropico owners, Glen A. Settle and Dorene Settle. It commemorates the discovery of gold in Southern California in March 1842 by Francisco Lopez near what is now Newhall . . . seven years before gold was discovered at Sutter's Mill in 1849. So, Southern California has some very interesting gold mining history.



Bob Chesmore of Greeley, Colorado, won the World's Championship this year, as he has for three previous years. He also received the top award to this year's winner—the Joe Walker Memorial Trophy, a permanent award given in memory of the late NASA test pilot.

Bob Chesmore's wife, Barbara, won the Women's Championship and was second only to husband Bob in his score. She must have learned from Bob.

Don't fail to visit the Tropico Mine, Mill and Museum. Of the many tourist attractions in Southern California this is outstanding. A sort of cavalcade of the past—or material mementos of yesteryears.

The Mine and Gold Extraction Mill stand exactly as they were when mining operations were stopped ten years ago—except that there is now 400 feet of water in the bottom of the 900-foot shaft.

I think this is the only large gold mine and mill now open to the public in California.

AUTHENTICITY

Tropico owners, Glen and Dorene Settle are descendants of pioneer families and are steeped in early California history and gold mining lore. Active members of many California historical societies—they are devoting their lives to collecting mementos of an era long gone. Authenticity is the keynote of their collection—they say "the driving reason behind Tropico is simply stated: so that the present generation will not forget."

VISITING HOURS

Winter Season—October 1 through May 31. The gold mine and mill are open every day but Tuesday and Wednesday, and legal holidays from 9:30 to 4 p.m.

Summer Season—June 1 to September 30—Only the mine is open for guided tours on the same days, from 10 a.m. to 4 p.m.

The mine entry is through a 60-year-old adit (tunnel) driven through solid rock by hand. Visitors have a well-lighted view of the 900-foot shaft and several drifts that add up to 10 miles of underground tunneling. Mining tools are displayed and their use explained.

Also of interest is the tracing of a production vein along the ceiling of a drift, with a geological description of how the gold bearing formation originated and how it was mined.

More about Tropico in a future column.

THE LOCKER ROOM

War On "Par"verty

By ED RANCK



Come rain, sleet or snow, it is almost an absolute certainty that there are two classes of people that will make their rounds, mailmen and golfers. To those who don't play golf, this sometimes fanatical devotion to the game is one of the more curious aspects of the sport. After all, who wants to spend all day chasing a little white ball around a cow pasture, especially in a typhoon?

Weekend golfers have been known to pursue their sport in weather conditions that would have kept Sir Edmond Hillary in his sleeping bag. It's also probable that should an earthquake ever hit the China Lake course on a Saturday morning, it wouldn't cause much concern unless it moved somebody's ball, and created an unplayable lie.

THE ENEMY WITHIN

Just what is it about this game that causes such devotion? Golf addicts would have a hard time explaining it, but there are some ideas that may come close to revealing the true character of the game. There are of course the obvious reasons, fresh air, good competition, and a lot of outdoor exercise. There is also a more subtle difference which separates the game of golf from most other sports.

In baseball, football or basketball you have an opponent that you can see. He's the guy with a different colored uniform, here you have one enemy, yourself. In most competitive sports you can get out of a tight situation by using strength or natural ability. Hit a homerun, throw a left hook, run over somebody. Here you add to these basic tools brains, nerve and finesse.

You combine strength with body control, and the body control has got to be close to perfect. Beating a golf course, or mastering the game for that matter, is like tickling a mad bull to death with a red feather. If you don't know exactly what you are doing, you may find yourself in a lot of trouble.

GETTING THERE WAS HALF THE FUN

Whatever the reasons for golf's popularity, it has to be considered one of the fastest growing leisure time sports in America. The game has grown to such proportions that top professionals are among the highest paid athletes in the world.

With this growth has come such disadvantages as the high cost of equipment and overcrowded courses. Twenty years ago, it was just a matter of packing your clubs in the jalopy, driving to the local course, and playing the game. Today's golf courses, especially those in large metropolitan areas, are crowded to the point that it's practically impossible to play unless the golfer joins a private club, and then the competition to get a desirable starting time is probably the toughest part of the sport.

There are exceptions to this rule however, and the situation here at China Lake is one of these happy exceptions. The local course, a tough 6676 yard par 72 layout, is one of the few truly fine courses in Southern California whose club members don't have to contend with all these inconveniences. In fact, the local club, with a membership of around 315, is capable of including 400 or more members in the organization.

Located on relatively flat terrain, the course is probably suited best to the long hitter. There are two holes in excess of 500 yards, so the player who hits well off the tee has a slight advantage. The greens at China Lake can be rated as outstanding, and the course has a well earned reputation for being one of the most well cared for layouts in the area.

WELL STAFFED ORGANIZATION

It's no accident that China Lake rates so high with local golfers and those visiting from other areas. The staff, headed by pro Paul Someson, is one of the best in the business. The greens are cared for by greenskeeper Art Neely, who has many years experience in the field.

Whether you're joining the club, or just out to shoot a round of golf, the fees are reasonable. Someson is available for instruction at any time, whether you are a novice or an experienced golfer trying to cure a particular problem. Equipment can be bought or rented in the clubhouse, and it is expected that more clubs will be available for rent in the near future.

All in all, it is a fine set up. More accent on golf, and less on the time and expense involved just getting to the first tee. It's one of the more attractive sport facilities at China Lake, and one that's almost a must for all sports-minded members of the China Lake community.

BOWLING RESULTS

Starlite continued to climb in the Premier League standings as they moved to within two games of fourth place. Starlite's Forrest McDonald posted a 625 to lead the action, while Jim Peck of Tom's Place picked up the 6-7 split on the way to a 237 game. Peck rolled a 624 series and Tom Zurn hit 600 on Monday night's games.

In the Youth Leagues, Danny Fuller rolled 202-233-172 for a fine 607 series, high series for the Juniors and Seniors this season. Other highlights included a 153 rolled by nine year old Kathy Burkhalter in the Junior League.

In the bowling action, Ken Dalpiaz led the Thursday Men's Handicap League with 607. Addie McDonald topped the Monday Women's Scratch League with 216-527, and Jeanne Krausman had 524, to lead the Wednesday Women's Handicap League.

Pete Pifer Event Includes Banquet Next Wednesday

Pete Pifer Day, March 15, is being awaited by ticket holders, especially for the banquet and celebration at 7 p.m. at Burroughs High School. Tommy Prothro, head football coach of the UCLA Bruins will be the special guest speaker and a short film of Oregon State University's outstanding fullback in action will be shown.

Although Pete is best known for his gridiron feats at OSU, Ridgecrest is equally proud of his other accomplishments. While a student here at Burroughs he was a representative on the student council two years, class secretary one year and a member of the Key Club three years.

He was a Key Club convention delegate twice and also won the Kelly Award, which has requirements on grades and good citizenship. At OSU he was president of the Circle K Club his junior year and his senior year is Secretary-Treasurer of the northwestern district of Circle K Clubs.

Anyone wishing tickets for Pete Pifer Day may get them at Von's check stand No. 6, K & R Market, McLean's Richfield Station, Chamber of Commerce office or from members of the Kiwanis Club or the Chamber of Commerce.

NAF Shooters Take Honors At Miramar Match

The NAF Rifle and Pistol Team took honors at the 11th Naval District Rifle and Pistol matches held last month at NAS Miramar. In the competition against the 11th Naval District shooters, Chief Inman took the second place Sharpshooter award with a total of 1030-15X and AE2 Jones placed third with 1026-14X out of a possible score of 1200.

The NAF Rifle team took the Expert Team Trophy with a score of 913-34V. The firing members were CWO C. J. Zacharias, Chief G. C. Inman, AE2 C. G. Jones and ATN2 D. R. Black. The Rifle and Pistol team will participate in the monthly match again this month at NAS Miramar.

Swim Hours At Local Pool

Due to the increase in special classes at the Station pool, the Athletic Department announced the following schedule for open swimming: Monday, 2:45 to 5; Tuesday, 6 to 9:30; Wednesday, 4 to 5, and 6 to 7:30; Thursday, 6 to 7:30; Friday, 1 to 9:30; Saturday, 11:30 to 5, and Sunday, 1 to 5.

A small boy was standing near the escalator watching the moving handrail.

"Something wrong?" asked a passerby.

"Nope," said the lad, "Just waiting for my chewing gum to come back."

Boat Club Elections



COMMAND CHANGES — Outgoing Commodore Richard T. Carlisle, right, turned over the gavel of office to the newly elected Commodore Dennis E. Glenndening at a recent meeting of the China Lake Boat Club. Other new officers are: Gary Bird, Vice-Commodore; Jo Ann Glenndening, secretary; Tommy Hilborn, treasurer; Alec Wolewidnyk, program chairman; and Billie Bird, membership chairman. The final lesson and test of the Basic Boating course will be Saturday at 7:30 p.m. in the Club House at 355 McIntire.

Sport News Tennis Classes Start March 18

Team entries are now being taken at Special Services for the 1967 Station Softball League. It is expected that the league will begin play on Monday, May 1. All team managers are requested to contact Athletic Director Ray Gier, at extension 72017.

China Lake will host the 1967 MDISL volleyball tournament. Tryouts for the Station military team will begin in the near future. Candidates for the team are requested to contact Ray Gier at extension 72017. The tournament will be held at the Station gym Saturday, April 22.

The IWV Swim Team will hold a practice meet at 12 noon Saturday, March 11, in the Station pool. The practice meet will be in preparation for the club's time trials, to be held March 18.

China Lake was eliminated in the second round of the 1966-67 MDISL Basketball tournament, held at Nellis AFB January 27. The local club lost to George AFB 109-88, and was eliminated from the competition by Fort Irwin 89-74. Mike Barnes and Dave Held led the scoring, each averaging 22 points per game.

Ski Club Hosts Dancing Party

The China Lake Ski Club is sponsoring a Pre St. Patrick's Day party, tonight, in the Ripple Room of the Community Center.

The event will get under way with a social hour from 8 to 9 p.m., which will be followed by dancing to the music of the Esquires from 9 until 1 a.m.

Tickets at \$1 each will be available at the door.

Little League Registrations Held Tonight

Little League registration will be held tonight at the Grove School cafeteria from 7 to 9:30 p.m.

All 8 to 12 year old boys are invited to register, even if they played last year. Parents must sign registrations and should bring proof of age. Forms will be available at the school.

Parents are also needed to fill vacant positions such as managers, coaches, concession stand workers, playing field workers, administrative helpers and spectators.

Additional registration nights will be on the 16th and the 21st of March.