

WACOM Reveals Dance Details

Remember the "60-71-May-8" logogram that has been popping up in various areas of the Center, the Commissioned Officers' Mess, and in the Rocketeer? Mrs. Jean Orr, publicity chairman of the Women's Auxiliary of the Commissioned Officers' Mess, admitted this week that WACOM has been the instigator of this bit of chicanery. She revealed that the "60" represents the 60th anniversary of Naval aviation which WACOM will salute with a Star-Spangled Anniversary Party on May 8, 1971 at the Commissioned Officers' Mess.

All members of the Commissioned Officers' Mess and their guests are invited to attend the event, which is WACOM's annual spring formal. Weather permitting, the party will be held on the patio. A no-host cocktail party begins at 6:30 p.m. and a buffet dinner will be served at 7:30 p.m.

Tickets are \$10.00 a couple and will be sold only at the front desk of the club. The reason WACOM couldn't keep the "secret" of the logogram any longer is that reservations and cancellations must be made at the COM by noon of May 6.

All proceeds from the Star-Spangled Anniversary Party will be donated to the POW Wives Fund, Mrs. Orr stated. Also, the popular COM-NAVAIRPAC Band of San Diego has been engaged to provide the music for dancing. This is a tax deductible charity and WACOM invites members to participate in helping a very worthy cause and to have an enjoyable evening.



THE MAN WHO CAME TO DINNER— Jack Lindsey (2nd from left) who plays Sven Iversen, tells his dinner companions "how he met his wife," in the CLOTA production, "Here Lies Jeremy Troy." The final two performances of the play will be tonight and tomorrow night, at 8:15 p.m., in the Burroughs lecture center. Barbara Hintz, left, is seen as Kathryn Troy, and on Lind-

sey's left are Art Schaper, who portrays Charlie Bickle, Nancy Hoyem, seen as Tina Winslow, and Bob Gritton, in the title role. Tickets for the spring production, which is directed by Eduardo Romero, are priced at \$2 for general admission and \$1 for students and are available at the Gift Mart, in Ridgecrest, the Center Pharmacy, or at the door. —Photo by PH3 Ronald Mills, USN

Museum Plans Antique Slide Presentation

A program featuring antique lantern slides will be presented by the Maturango Museum on Tuesday, April 20, at 7:30 p.m. in the Weapons Exhibit Center Auditorium.

Many of the slides are hand painted and some date back as far as the Civil War. They include scenes from the Columbian Exposition; Philadelphia Exposition of 1876; religious paintings; outdoor scenes; and even a picture of Main Street in Los Angeles prior to 1900.

The slides have been loaned by Mrs. Bernice Rogers of Ridgecrest, and Jean Bennett will project them. The program is intended for Museum members, but anyone interested in antiques is invited to attend.

Henry Mockel Serigraph To Be Wildflower Show Prize

A 16" x 20" serigraph, by Henry Mockel, well-known artist, will be offered as a door prize at the 25th Annual Wildflower Show, to be held May 1 and 2 at the Community Center.

Serigraphs are art works produced on silk. The silk is mounted on a frame and the design drawn upon it. Then the frame, with the attached silk underneath, is placed on a sheet of paper and an ink process is used to produce an even layer of color onto the paper. Some serigraphs need as many as 38 printings to produce the full quality of the picture.

WACOM (Women's Auxiliary, Commissioned Officer's Mess), sponsors of the annual show, is accepting donations for the limited-edition print (35 cents donation), prior to and during the event. The print will be awarded to

a donor at the close of the show.

Mockel Known Locally Henry Mockel is well-known to local artists. Two years ago he spoke to the Desert Art League on the subject of wildflowers, as he is regarded as one of the West's foremost painters of botanical subjects.

Mockel came to the country from Berlin in 1923 to study art and during his second year of study (1924) won first prize in the Grand Central School of Fine Arts showing, in New York City.

In 1958, drawn by a love for the California desert, he and his wife, Beverly, moved to Twentynine Palms. He has had many one-man shows, including exhibits at the Los Angeles County Museum of Natural History and the New York Botanical Gardens. His paintings and serigraphs are exhibited at the Garden Center of Greater Cleveland, Ohio, and at the XI International Botanical Congress in Seattle, Washington. Twelve paintings, commissioned by the National Park Service, are displayed at the Visitor's Center in Joshua Tree National Monument.

As an added bonus to the show, Mockel has designed 105 original note cards, most of which feature botanical subjects, to be sold at the Wildflower Festival.

The serigraph is marked 100/2, which means that it is the second of 100. However, it is not to be considered a "print," as the same identical work is required of all prints in the same series. Each serigraph is done by the same laborious process and signed by the artist.

SHOWBOAT

MOVIE RATINGS
The objective of the ratings is to inform parents about the suitability of movie content for viewing by their children.
(G) - ALL AGES ADMITTED
General Audiences
(GP) - ALL AGES ADMITED
Parental Guidance Suggested
(R) - RESTRICTED
Under 17 requires accompanying Parent or Adult Guardian

FRI 16 APRIL

"NO BLADE OF GRASS" (98 Min)

Nigel Davenport, Jean Wallace

7:30 P.M.

(Adventure) A world-wide blight has destroyed almost all vegetation as this family struggles and fights savage panic to reach a Northern farm where food exists. (R)

Short: "See Holland" (9 Min)

SAT 17 APRIL

"ADAM AT 6 A.M." (101 Min)

Michael Douglas, Lee Purcell

—EVENING—

(Drama) Totally bored with his trivial life, a young non-conformist professor flees to the Midwest where he's attracted to the "simple life" until he again becomes disillusioned. Kirk's son, Michael, in a contemporary tale. (GP)

Short: Pink Panther's a living doll as "Little Beau Pink" (7 Min)

—MATINEE—

"DONDI" (80 Min)

David Janssen

1:00 P.M.

Shorts: "Mother was a rooster" (7 Min)

"Outer Space Jitters" (16 Min)

SUN and MON 18-19 APRIL

"I WALK THE LINE" (94 Min)

Gregory Peck, Tuesday Weld

7:30 P.M.

(Drama) Three songs by Johnny Cash background a story about a Tennessee hills sheriff who becomes obsessed with a moonshiner's daughter, not knowing she was sent to keep him occupied — away from the stills. The May-December romance, lots of mayhem and action, plus Cash's singing make this way above par! (GP)

Shorts: "Magoo's Masquerade" (7 Min)

"T.G.I.F." (9 Min)

TUES and WED 20-21 APRIL

"THE TWELVE CHAIRS" (94 Min)

Dom DeLuise, Ron Moody

7:30 P.M.

(Comedy) Hilarious slapstick comedy about the search for a fortune in family jewels that were hidden in one of a set of dining room chairs before the Russian Revolution. A satire of social conventions and futile greed! (G)

Short: "Arizona Sheepdog" (22 Min)

THURS and FRI 22-23 APRIL

"THE MCMASTERS" (90 Min)

Brock Peters, Nancy Kwan, Burl Ives

7:30 P.M.

(Western) Violently told story of a soldier returning from the war to meet bigoted rebuffs from local ranchers because he helps Indians, and marries one of them. Talented cast plays it real rough in this action film. (GP)

Short: "Jazz Festival" (27 Min)

Avis Changes Address

The Avis Rental Car location has been changed, Sam Gadzia, Head of the Travel and Transportation Branch announced recently. The new location is now two-tenths of a mile beyond the NWC Main Gate, west on Inyokern Road between the Standard Oil Station and the city ambulance service. The new address is 305 Inyokern Road. This replaces the location at the Union 76 service station on China Lake Boulevard.

From _____	PLACE STAMP HERE

TO _____	



CHECK DEPLOYMENT—Robert G. S. "Bud" Sewell (foreground) and Dr. Carl Austin of NWC were among a party of Center personnel who journeyed to the Sequoia Forest recently to assist in conducting tests with a new explosive fireline

construction device that was developed jointly by NWC and Forest Service personnel. Above, they check the deployment of the Primacord device prior to a test shot. For more details on the tests, see page 4.

District Elections Open April 20

Residents of China Lake will go to the polls Tuesday, April 20, to elect two members to the China Lake Joint School District board of governors; and one trustee each to Kern Community College Districts 1, 3, and 4.

In addition, voters will be asked to vote on a school bond measure of the Kern Joint Union High School District, and on a maximum tax rate measure for the Kern Joint Union High School District.

The candidates for the China Lake Joint School District include: Roderick M. McClung; William E. Arnold; William L. Curtiss; L. G. (Gino) LaMarca; Donald W. Lock-

wood, and Jacquelyn Powers.

Candidates for the Kern Joint Union High School District are Donald E. Ruggerberg; Richard L. Flem; Cicero N. Goddard; Joe C. Green; J. Craig Jenkins; Timothy Lemucchi; John H. Revell; and Jim R. Tillett.

In the election to the Kern Community College District, candidates for trustee from Area 1 include: Cecil John Bailey; Bernard C. Naworski, and Ted Van Amstel. M. Glenn Bultman is running unopposed in Area 3, as is Loren H. Voith, in Area 4.

Bond Issues

According to John Cissne, principal of Burroughs High School, if voters approve the school bond measure, Burroughs High School will benefit to the tune of over \$200,000. Specifically, projects earmarked for BHS include:

1) The food service area will be remodeled to provide an efficient, potentially self-contained unit and a staff work area. This work was removed from a 1967 bond issue when money became unavailable.

2) Administration offices will be re-designed to encompass the existing staff room, to ac-

commodate an expanded health services office.

3) The gym and locker room facilities will be expanded. Presently, students are doubling up on lockers and space is at a premium.

The second proposal on the ballot asks for a 48 cent increase (from \$1.51 to \$1.99) per each \$100 of assessed property evaluation, to commence on July 1, 1971, for a unspecified period of time, the revenues to be used for maintenance and operation of the schools of the Kern Joint Union High School District.



DON'T BE A POLITICAL DROP-OUT



Vol. XXVI No. 15 Naval Weapons Center, China Lake, California April 16, 1971

NWC Lays Plans For 'Forces Day' Air Show, Scout Exposition To Highlight 21st Annual Event

A team of organizers, led by Capt. E. M. Wieseke, Director of Supply, is currently planning the 21st annual Armed Forces Day celebration at the Naval Weapons Center, which will take place on Saturday, May 8.

The Armed Forces Day Committee, in addition to Capt. Wieseke, is composed of: Cdr. B. H. Creighton, VX-5 Executive Officer; Cdr. K. A. Dickerson, VX-5 Operations Officer; LCDr. I. L. Belyea, NAF Free Fall Weapons Officer; Jim McGlothlin, NWC Public Affairs Officer; R. W. Rusciolelli, Technical Presentations Coordinator at NWC; Ray Sinnott, TID Exhibits Branch; LCDr. E. W. Brooks, Military Assistant, Code 30; Stephen Kaupp, NWC Chief of Police; Jud Smith and Dick Mello; and LT(jg). G. N. Dilworth, Assistant Administrative Officer, Code 85.

Thousands of visitors to the Armed Forces Day open house will see events, displays, exhibits and other programs coordinated by the Committee.

A proposed schedule of events for the open house has been drawn up, and will include a flight demonstration show and a Boy Scout Exposition at Schoeffel Field. The tentative schedule is as follows:

7 a.m. — The Center restaurant

will open, and remain open until 7 p.m. Also at 7 a.m., the Kiwanis Club will hold their Pancake Breakfast, to take place in the Community Center parking lot.

8 a.m. — The Maturango Museum will open to visitors, as will the Weapons Exhibit Center. Michelson Lab, except for a display in the lobby, will not be open to visitors this year. Also at 8 a.m., the All Faith Chapel will open.

8:30 a.m. — A static display in hangar 3 at NAF will open, and the displays located at NAF will be open to the public. Hangars 1 and 2 will not be open to the general public.

9:55 a.m. — A flight demonstration, by VX-5 and NAF pilots, will begin until 11:30 a.m. Prior to the beginning of the show, a band from Headquarters, 3rd Marine Aircraft Wing, will provide musical interludes for visitors. It is also planned for the band to play during breaks in the show. Further information regarding the flight demonstration, and the names of pilots who will participate, will be listed in future editions of The Rocketeer.

12 Noon — The Boy Scouts of America will hold an Exposition (an annual event) at Schoeffel Field. The Exposition will be open

(Continued on Page 7)



METEOROLOGIST HONORED—LCDr. D. R. Carver, Research Meteorologist with Code 60209, left, was recently presented the Bronze Star and a Distinguished Flying Cross, by RADM. W. J. Moran, NWC Commander. The awards were presented for service "... against an enemy" while serving with the 7th Air Force from 17 October 1968 to 18 December 1969, in the Pacific Air Force.



MOCKEL SERIGRAPH IS DOOR PRIZE—Kathy Gire and Jan Spradley make a donation to Sarah Jauchler, chairman of arrangements for the door prize, a serigraph by Henry Mockel, seen on easel

at right. The painting, a Mojave Yucca in bloom, will be presented to a donor at the close of the 25th annual Wildflower Festival, May 1 and 2 at the Community Center.

ASP A Members Plan Trip To National Conference

Some 20 administrative and technical employees of the Naval Weapons Center will depart this Sunday for Denver to attend the National Conference of the American Society for Public Administration, according to Leroy Marquardt, local chapter president. Of particular interest to the NWC people are 10 sessions on Science, Technology and Public Policy which have been organized by H. G. Wilson, NWC Technical Director.

Seventeen other simultaneous "areas of concentration" are scheduled. In the "Education for Public Service" area, a session on developing our own learning community will be chaired by Al Hard, a management analyst in Central Staff. Many of those attending the Conference will be those who are or have been enrolled in the USC graduate public administration program conducted at China Lake under the direction of Prof. Ross Clayton.

To conserve travel funds, most of the attendees will be using NAF transportation to and from the Conference and will stay at the Lowry AFB VOQ.

A local chapter meeting is scheduled for the last week of April in which the Denver Conference proceedings will be discussed.

PROMOTIONAL OPPORTUNITIES

Applications for positions listed in this column will be accepted from current NWC employees and should be filed with the persons named in the ad. All others desiring employment with the Naval Weapons Center may contact the Employment Division, Code 452, Extension 2649. Current applications (SF-171) or Standard Form 172 should be submitted bringing your work history up to date if one has not been submitted within the last 6 months. The fact that positions are advertised in this column does not preclude the use of other means to fill these positions. Part of the ranking process of those rated as basically qualified will be a supervisory appraisal form that will be sent to the employees present and most recent previous supervisor. Selection shall be made without discrimination for any nonmerit reason.

Engineering Technician, PD No. 7155022, GS-602.7, Code 5334 (1 vacancy)—This Position is located in the Engineering Department, Product Design Division, Electronic Prototype Branch. The incumbent will experimentally develop methods and techniques for photo chemical processing of a wide variety of electronic circuits and devices. Will maintain the printed circuit facility and its equipment and provide technical guidance to the operator of the facility. Will devise methods and techniques for marking, drilling and profiling printed circuit hardware. Minimum Qualifications: Must have 2 years of General Experience and 3 years of specialized or one year at the next lower grade (GS-6), as per the CSC Handbook, X-118. Selective Criteria: Should have broad experience in printed circuit chemical processing. Should have experience with master artwork development, photo etching and various plating techniques. Materials engineering with plastics and epoxies is desirable.

File above applications with Joan Macintosh, Bldg. 34, Room 212, Ext. 2514. Clerk Typist, GS-322-2 or 3, Code 346—Duties are to provide clerical support to the branches and division office. Typing is a primary duty. Minimum Qualification Requirements: As stated in CSC X-118.

Electronics Technician, GS-656-9, 10 or 11, Code 3551—This position is located in the Aircraft Range Branch, Electronic Systems Department. Duties include maintaining, trouble shooting, repairing and modifications to X-Band tracking radar systems, X-Y plotting boards and DC operational amplifiers. Job Relevant Criteria: Must have four years of experience in radar work. Minimum Qualification Requirements: As defined in CSC Handbook X-118.

File application for the above with Sue Prasolowicz, Bldg. 34, Rm. 206 ext. 2577. Warehouseman, WG 6907-05, 2591—Performs a number of tasks in connection with the physical receipt, storage or issue of supplies. Receives, checks, issues, issues and assembles supplies of all types in accordance with established supply systems, procedures and methods. Minimum Qualification Requirements: Rating will be on the basis of existing J. element standards in accordance with CSC X-118C. Applicants must submit a supplemental experience statement. Forms can be picked up in Rm 206, Personnel Department.

File applications for above with Naomi Campbell, Bldg. 34, Rm. 206, Ext. 3118. Engineering Technician (Drafting), GS-602.5-7 and/or Engineering Draftsman, GS-618-5-7, 2 Vacancies, Code 4014—These positions are located in the Documentation Branch, Technical Services Division, Weapons Development Department. The positions exist to provide engineering design services and to check and review, from an engineering and production feasibility standpoint, the drawings turned out by the Branch draftsmen and contract personnel. Job Relevant Criteria: and/or Selective Placement Criteria: Knowledge of mechanical and electrical engineering fundamentals, mathematics sufficient to make the necessary calculations and physics. Must also be a well qualified draftsman since he will draw some of his own designs and review the drawings of others. Professional competence in mechanical and electrical engineering is not required. Minimum Qualification Requirements: As defined by Civil Service Commission - X-118.

File applications for above with June Chipp, Bldg. 34, Rm. 204, Phone 2676.

Clerk (Typing), GS-301-5, PD No. 035027, Code 283—Division secretary and provides clerical support to branches within Division. Receives visitors, incoming telephone calls, mail and screens same. Keeps up to date on administrative policy and procedure. Maintains division files. Performs other clerical duties. Minimum Qualification Requirements: As defined in CSC Handbook X-118.

File Application for the above with Sue Prasolowicz, Bldg. 34, Rm. 206 ext 2577. Librarian, GS-1410, 57 or Librarian Technician, GS-1411, 34-5, Code 8522, 1 Vacancy—Incumbent has responsibility for the vertical file which contains pamphlets, articles from periodicals, maps and similar items. The vertical file covers such subjects as local history, safety, travel wild life, careers, biographical items, current political items, items of interest to school children from kindergarten through college, and similar subjects of such recent origin that no books covering the subjects adequately have yet

Unitarian Fellowship—(Chapel Annex 95, 95 King Ave.)—Sundays, 7:30 p.m.

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VISITS NWC—Capt. D. Cornelius, Deputy Director of the Navy Nurse Corps, precedes Cdr. E. G. Graves, Head of the NWC Nursing Services Branch, into Michelson Laboratory during a tour of the facilities. Capt. Cornelius visited the Dispensary and acquainted herself with the nursing staff and looked into the services performed by NWC nurses.

—Photo by PH2 D. E. Hart

Credit Union Takes Steps To Safeguard Transferee Funds

Personnel from the Corona Annex who are transferring to China Lake and who are also members of Corona's Credit Union will be gratified to know that certain steps have been taken in their behalf to assure that their accounts remain in a healthy state of affairs.

The Board of Directors of the Naval Weapons Center Federal Credit Union have come to an agreement with the Directors of NOLC Federal Credit Union, Corona, California, to purchase loans of NOLC members who are being transferred to the Naval Weapons Center, China Lake, California. This action was taken to help expedite the liquidation of the NOLC Credit Union which was caused by the closing of that Center.

Interior Painting To Begin This Month: PW

Public Works Department. Quarters to be painted will be selected by personnel of the Housing Division, Code 705, based on records of when the interiors were last painted. Occupants whose quarters are to be painted will be notified at least one week in advance. Residents with any questions about this contract should contact Gerry Ray, of the Housing Division, at extension 2082.

Employee In the Spotlight



Lou Sidney

Louis Eugene Sidney, recently designated Division Head of the Maintenance Utilities Division of Public Works, made it the hard way. Lou began his work experience at NWC in 1950 as a graduate of the first apprentice training program. After graduation he joined the plumbing shop in Public Works. Lou's rise to his present duties has been filled with exemplary work, devotion to this job, and involvement in many community activities. After working in the plumbing shop for six years he became a shop planner in 1956. He worked in that capacity for six more years and went to San Clemente Island in 1962 for 14 months as a Planner-Estimator.

Following that assignment he returned to the plumbing shop, this time as Leadingman. Lou was made a Quartermaster in 1967, and then the Branch Head in 1968.

Along the way he has earned three Outstanding ratings, and has received three Superior Performance Awards. In addition he earned a Zero Defects Pride Award. Over the years he has won, in his words, "continuing Safety awards."

Lou and his wife, Bell, like to do things together. Currently, they are deeply enmeshed in the Desert Empire Fair and work actively to promote development of the new Fairgrounds. Lou is presently vice-president of the DEF board of directors, a post he has held for three years, and has been a purchasing agent for the group the last six years. Bell is treasurer of the board. During the Spring Festival and the Desert Empire Fair, Lou and Bell can be seen everywhere on the Midway, settling disputes, taking tickets, selling soft drinks, filling in for

ill workers in the booths, and coordinating events and displays.

The couple have six children: Barbara, Patricia, Steven, Robert, Cynthia and Susan. Steven is a sophomore at Burroughs and Susan attends Vieweg. The children have all attended China Lake Schools and Patricia, Robert and Cynthia graduated from Burroughs High School.

Lou is a private pilot and he and the family also enjoy hunting and fishing. They enjoy the ocean and maintain a home on the beach in San Felipe, Mexico. They presently use the home as a vacation spot, traveling there three or four times a year, but in the back of his mind, Lou "... plans to retire there," when that time comes.

Bell and Lou also belong to the Cactus Squares, a square dancing group, of which Lou is the president. He is also a past president of the Supervisor's Association on the Center, and presently fills the post of a board of director. He is a member of the Elks and the Optimists, and Bell belongs to the Emblem Club.



"FOLLIES" AUDITIONS—Songstress Marge Meraz displays her talents during last week's auditions for PTA's "Fractured Follies of '71," aided by pianist Paul Riley. Jimmy White (right) a professional musician who will direct the musical comedy revue, provides a few tips on delivery to Mrs. Meraz, who will appear as a

soloist in the production. "Fractured Follies" will be presented April 23 and 24, 8 p.m., at the Burroughs High School lecture center, as a benefit for PTA's campership fund. Tickets are priced at \$2.50 and may be obtained at the Center Pharmacy and from PTA board members.

A Look Into The Past From The Rocketeer Files

20 Years Ago . . .

The Station reverted to a 40-hour week for the summer from the general 6-day, 48-hour week adopted in February 1951 . . . Senior Scientists of Southern Calif. Naval Laboratories met at NAMTC, Point Mugu for an exchange of ideas; Dr. L.T.E. Thompson, Technical Director and Cdr. T. H. Moorer, Experimental Officer (now Chief of the Joint Chiefs of Staff), represented NOTS . . . In the Red Cross drive, China Lake topped its goal of \$5,000 to lead the county in percentage of quota attained . . . The Credit Union was paying a "healthy 4 per cent"—more than any bank . . . Lt. Rodney Shock took first place in class B competition at a skeet shoot held in Phoenix, bagging 191 out of 200 . . . The school district faced a critical fund shortage under a new law requiring federal donations to the school district to come from the Office of Education instead of through BuOrd, the Station's "boss" . . . The mercury hit a new high of 96.

10 Years Ago . . .

A new precedent was set when 16 NOTS scientists were invited to present papers concerning their work at the fifth Navy Science Symposium at the U. S. Naval Academy, Annapolis . . . Capt. W. W. Hollister announced plans to retire from the Navy . . . A research project on the behavior of internal waves (first of its kind) was undertaken by a joint team from NOTS, Pasadena; Mine Forces Pacific Fleet, and USC personnel . . . The 4th annual National Library Week was celebrated . . . And a bit of witty wisdom was given that week: "If you're serious about going on a diet—think of the table as a launching pad, not a landing field."

5 Years Ago . . .

It was revealed that CURV (Cable Controlled Underwater Research Vehicle), the vehicle that hoisted to the surface the H-bomb missing in deep waters off the coast of Spain near the village of Palomares, was developed at Pasadena and has been used there to recover valuable ordnance items that splash into NOTS' sea ranges. Operated by a team from NOTS, Pasadena, CURV's grappling hook engaged the parachute shroud of the thermonuclear bomb at a depth of 2,500 feet—performing beyond its designed limits. CURV's TV cameras flashed pictures of the operation to the control ship, and with grappling hook firmly engaged, the H-bomb was raised from the Mediterranean sea floor . . . The Station hosted the monthly executive meeting of the Kern County Board of Trade . . . Chaplain Robert W. Odell, Senior NOTS Chaplain, left for his new duty station at New London, Connecticut. Chaplain Mark E. Fite became Senior Chaplain . . . Dr. William B. McLean, Technical Director, was keynote speaker at the AIAA Symposium on Modern Developments in Marine Sciences held in Los Angeles.

PROMOTIONAL OPPORTUNITIES

(Continued from Page 2)

been published. The incumbent conducts the research for this information, assembles the items for filing, and maintains a catalog, with cross references, for the entire vertical file. Also assists patrons in locating their required information. This requires familiarity with the library collection of 26,000 volumes, the reference collection, vertical file and the serial collection. Hours of duty will vary and incumbent will work both day and evening shift including Saturdays. Minimum Qualification Requirements: Librarian, GS-5 must have a Bachelors Degree; GS-7, Bachelors Degree plus 1 year graduate study or qualifying experience. Library Technician: GS-3, 1 year general experience and 6 months specialized; GS-4, 1 year general and 1 year specialized; GS-5, 1 year general and 2 years specialized experience in accordance with Handbook X-118. Advancement Potential: GS-5 Librarian may be promoted to GS-7. Library Technician may be promoted to GS-5.

File applications for above with June Chipp, Bldg. 34, Rm. 204, Phone 2676.

Travel Clerk (Trainee) or Clerk (Typing) GS-212-301, 2 or 3, 1 vacancy, Code 8517—This is a trainee position in the Travel and Transportation Branch, Command Administration Department. The function of this office is to provide efficient and expeditious travel, transportation and related services for Center personnel and visitors. Minimum Qualification Requirements: GS-2, completion of High School and passed Civil Service Test; GS-3, 1 year general experience in accordance with Handbook X-118. Advancement Potential: GS-3 Librarian may be promoted to GS-5 based on incumbent's ability to fulfill job requirements.

File applications for above with June Chipp, Bldg. 34, Rm. 204, Phone 2676.

Technical Manuals Editor (General), PD No. 655827-1, GS-192-11, (1 vacancy), Code 5555—The incumbent writes and edits technical manuals for the Engineering Department and monitors the efforts of on-center and contracted off-center writers, editors, illustrators and production personnel in preparing manuals, insuring the meeting of specifications, technical accuracy and high quality work. Qualification Requirements: Must have 3 years of General Experience and 3 years of Specialized or one year at the GS-9 level as per CSC Handbook, X-118. Selective Criterion BS Degree in physical sciences or equivalent work experience is desirable. Cost analysis, pricing and job scheduling experience as related to publication preparation and programming is desirable.

File above applications with Joan Macintosh, Bldg. 34, Room 212, Ext. 2514.

A complete list of new books is available in the library.

Armed Forces Day . . .

(Continued from Page 1) protecting and in guaranteeing the protection of their country. Here at China Lake, an added benefit is available to residents of the Indian Wells Valley who are given the opportunity to see some of the weapons which NWC has given the fleet over the past years. In addition, through visits to the Maturango Museum, visitors are afforded the privilege of recalling the past history of the local area.

The Naval Weapons Center, under the command of RADM. W. J. Moran, cordially invites all residents of the Indian Wells Valley and surrounding communities, to come aboard the Center on May 8 to take part in the yearly salute to the Armed Forces of the United States.



Ray Sinnott will coordinate other displays on Armed Forces Day. Armed Forces Day is held yearly so that citizens of the United States might see for themselves the large job the military is doing in

New Plane Schedule

Effective April 26, 1971

CHINA LAKE - INYOKERN - INT'L AIRPORT

Air West Schedule (TR's or tickets required)

NORTHBOUND			SOUTHBOUND		
(Mon. thru Fri.)					
Flight No.	Leave LAX	Arrive Inyokern	Flight No.	Leave Inyokern	Arrive LAX
406	1315	1423	507	1435	1543

(NOTE: Both flights stop briefly at Lancaster)

There is no regularly scheduled bus service between the Naval Weapons Center and Inyokern Airport. Reservations for transportation for official travelers to and from Inyokern Airport should be made during the work week with Travel and Transportation Branch, Code 8517, Ext. 3321.

The Rocketeer

Official Weekly Publication
Naval Weapons Center
China Lake, California

RADM. W. J. Moran, USN
NWC Commander

H. G. Wilson
Technical Director

K. H. Robinson
Head, Technical Information Department

William P. Valenteen, Jr.
Editor

Jack C. Lindsey
Staff Writer

Lucille Edwards
Editorial Assistant

PHCS C. E. Bruce, PH1 D. C. Manderscheid,
PH2 Delmar E. Hart, PH3 Ronald G. Mills.
Staff Photographers

DEADLINES:
News Stories Tuesday, 4:30 p.m.
Photographs Tuesday, 11:30 a.m.
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Phones 3354, 3355, 2347

DIVINE SERVICES

Protestant (All-Faith Chapel)—
Morning Worship—10:00 a.m.
Sunday School—8:30 a.m., Chapel Annexes 1, 2, 4 (Dorms 5, 6, 8) located opposite Center Restaurant.

Roman Catholic (All-Faith Chapel)—
Holy Mass—5:00 p.m., Saturday (Fulfills Sunday obligation); 7, 8:30 and 11:15 a.m. Sunday.

Daily Mass—11:30 a.m. in Blessed Sacrament Chapel. First Saturday, 8:30 a.m.

Confessions—4 to 5 p.m. Saturday, and 8 to 8:25 a.m. Sunday.

Sabbath School—10 a.m. to noon, every first and third Saturday.

NWC Jewish Services (East Wing All-Faith Chapel)—8 p.m. every first and third Friday.

Unitarian Fellowship—(Chapel Annex 95, 95 King Ave.)—Sundays, 7:30 p.m.



TENNIS CLINIC—China Lake tennis champion Dick Boyd reviews a China Lake Tennis Clinic lesson with fellow instructor Janie Cleaves. The clinic will begin at 9 a.m. April 24 and will continue for six consecutive Saturdays. Cost of the lessons

is \$3 and anyone in the Indian Wells Valley is invited to participate. Watching the preview lesson are (left to right): Gino Lamarca, Sherry Miller, Esther Hagist, Fred Hagist, Joan Leipnik, and tennis club president Nick Schneider.

Overstreet Wins Dewing Sudden-Death Playoff

The 3rd Dewing Classic was worth the price of admission.

Between a hole-in-one on the first day of the three-day tournament and a sudden death playoff on the final day, the Classic provided almost as much excitement as the Masters.

VX-5's Curt Overstreet charged from six strokes back at the end of the second day to fire a 3-over-par 75 and tie leader Bob Moore with a 54-hole total of 231.

Moore had taken the tournament lead at the end of the first 18 holes with a 74 and had topped the

championship qualifiers with a two-day total of 150.

In the sudden death playoff, both golfers had par 5's on hole No. 1, but Overstreet's par on No. 2 ended the match when Moore took a bogie 5.

A pair of VX-5 golfers provided the opening day thrills. Jess Carman stroked a five-iron for a hole-in-one on the 168-yard 17th hole.

Playing in the same foursome as Carman, Frank Nelson took closest-to-the-hole honors on the first day by dropping his tee shot within eight feet of the pin on No. 8.

The first-day turnout of 160 was the largest field ever assembled for a golf tournament in China Lake and included golfers from NAF, NWC and VX-5, as well as tournament founder Capt. Larry Dewing and Italia Birkinsha, the first Wave to play in the Classic.

Longest Drive, Bob Moore. Closest to Pin (No. 8), Frank Nelson. Closest to Pin (No. 17), Al Santo. Closest to Pin (No. 6), Herb Faberman. Hole in One (No. 17), Jess Carman. Hacker Award, Gerome Newton 541.

CLASSIC CONCLUSION
Championship Flight: Curt Overstreet 231 (won sudden death playoff) Bob Moore 231.
First Flight: 1) Sam Harris 2) Bill Irby.
Second Flight: 1) Ray Gier 2) Larry Dewing.
Third Flight: 1) Charles Pierce 2) Frank Parker.
Fourth Flight: 1) Phil Johnson 2) Roy Spencer.
Fifth Flight: 1) Jim Horsham 2) Bill Hoagan.
Sixth Flight: 1) Richard Beckwith 2) Joe Simmons.
Seventh Flight: 1) Fred Summers 2) George Satterberg.
Eighth Flight: 1) Roger Lavole 2) Gordon Althoff.
Ninth Flight: 1) John Enriquez 2) Dave Bonine.
Tenth Flight: 1) Denny Kopulos 2) Richard Saunders.
Eleventh Flight: 1) John Fisher 2) Leroy Hackathorn.

Little League To Hold Tryouts For Minor Ball Teams

The China Lake Little League will hold tryouts for boys, league age 10 to 12, Saturday, April 16 and again April 23 at 9 a.m., at Diamond 4 (across from the bowling alley). All boys who desire to play in Little League not on a major league team must attend of these tryouts.

A registration will be held at the diamond on April 16.

Safety Classes Set For Motorcyclists

The motorcycle safety class, sponsored by the Community Council, the Gypsy Wheels and the Sandblasters, will be held at the Traffic Safety Building, between 9 a.m. and 12 noon, Saturday, April 17.

All those wishing to attend are asked to come at that time. For additional information, contact Billie Hise, NWC Ext. 2037.



DEWING CHAMPION—Curtis Overstreet, right, a VX-5 sailor and four-handicap golfer, is presented the permanent trophy after winning the Third Annual Dewing Spring Classic with a 231 total, following a two-hole "sudden death" playoff with Bob Moore. Overstreet's name will be inscribed on the trophy which will be displayed at the Golf Shack. Capt. L. A. Dewing, USN (Ret.), former Commanding Officer at NAF, and the man for whom the tournament is named, made the presentation. —Photo by PH2 D.E. Hart



ACE-TV Wins Premier With One Week To Go

With one week of play remaining in the Premier League, Ace-TV hammered the lid on the league title by winning one game from Allied Automatic Vending last Monday night. Boyd's Auto Parts, who went into the night just four games out of first place, missed a golden opportunity when they failed to win three games from NAF. In fact, Boyd's only won one game and their second place standing in the league is now in jeopardy.

Next Monday is position night and if Ace-TV takes three from Boyd's and B&F Liquor (who won three last week) can manage to win three from NAF, then B&F will move into second place, so position night should be interesting.

Last Monday, B&F shot a 2968 series on games of 947, 1017 and 1004, the fourth highest series shot this year. There were many men in the double 200-plus figures and five 600-plus series' shot. Craig Rae led the way with 646, and Chuck Cutsinger had a 633. Bill Pinckney rolled 628 and Ray Freascher had a 616, finishing one pin ahead of George Barker's 615 total.

Rae rolled a 245 which was one pin more than Alex Ribultan and Ray Freascher could manage. Also in the higher bracket, Jim "Tiger" Peck fashioned a nice 241 game. Other high games: Cutsinger, 226 and 213; Pinckney, 212 and 222; Barker, 215 and 210; Warren Schad, 200 and 224; Rae, 203 to go with the 245; John Dowd, 203 and 212; Thad Brightwell, 224 and 201; Rob Fuller, 200 and 210; and Dan Branson, 223 and 213.

Bob Hooper shot 223; Joe Kokosenski, 222; Ken Dalpiaz, 224; Ben Whiteside, 219; Earle Roby, 227; Dick Bauers, 234; Fred Akins, 223; Elmer Davis, 221; and Fred Dalpiaz, 226.

Women's Monday Scratch
Joyce Paulson hit 575 to lead the ladies' Monday night, followed closely by Del Montano with 571. Wanda Billings had a 556 and Sue Haack hit 547 with Willie Johnson just behind her, scoring 545.

Wanda had a 235 single and Joyce Paulson scored 212. Grace Vorwerk rolled a 210, and Jeanne Crom and Pat Maddux each hit 206.

Fedco led team scoring with 927, and Miller's Missiles had a 2527 series.

Supply Dept. Mixed
Bert French had a 223 game and Don Cooper bested his highest previous score with a 597. Brad Royer rolled 210, Frank Carson, 206, and Don Cooper had a pair: 205 and 200.

Myrtle Snyder hit 457 for high series and Barbara Beyer had a 182.

Desert League
Dick Reymore won a trophy on games of 222-220-201 for a 643 series. Dale Bennett, not to be outdone, also took a triple-200 trophy with 210, 201 and 227 and a 638 series. Joining the triple act, Allen Smith put together games of

200, 210 and 214 for a 624 series.

Ding-a-Lings
Nancy MacAskill had a 515 series and a 192 single game to lead all the scoring. Mary Shepard picked up the 2-7-10 and Verdine Quinn converted the 6-8-10. Wilma Schultz picked up a 5-10.

Midway League
Thad Brightwell rolled a 626, including a 247 game, and George Bowles had a 607 on the strength of a 206 and a 209. Vic Black rolled 241; Clint Green shot 234; Andy Petach had 225; and Three men, Ernie Lanterman, Ed Simmon and Bill Tomaris had 222's.

Women's Wed. Hdcp.
Some good scores were rolled two weeks ago: Donna Hitt, 244 and 511; Erma Johnson, 225 and 578; Lorraine Johnson, 202 and 564; Connie Evans, 213 and 525; Barbara Rohret, 220 (her first); Sherry Ray, 549; Eleanor Johnsen, 527; Marlyn Heeke, 516; Sue Lewis, 531; Marlys Bowles, 501; and Frances Wilson, 501.

MDISL Bowlers Look To Victory At Edwards AFB

Six China Lake bowlers will travel to Edwards AFB for the Mojave Desert Interservice League bowling tournament April 24-25.

The bowlers, city champion Ralph Brewer, Jim Kincheloe, Dick Bauers, Fred Akins, Thad Brightwell and R. C. Jones, could be the first NWC team to bring back trophies in this year's MDISL competition.

China Lake football, basketball, handball and volleyball teams have all finished out of the money. The bowling team, however, ranks as one of the favorites at Edwards.

Bauers, Brewer and Kincheloe took the top three spots in the City Tournament and Brightwell boasts the highest average in the Premier League and the city.

"We didn't do well at all last year at Ft. Irwin," said Kincheloe. "But the lanes at Edwards are similar to the ones in China Lake. If we bowl up to our averages, we should do alright."

Deadlines Set To Enter Golf, Softball Teams

Softball and golf teams have only two more weeks to enter the upcoming intramural softball and golf leagues.

Deadline for golf entries is April 30 at 4:30 p.m. Each team is allowed four players and two alternates, but all must be male members of the China Lake Golf Club.

The China Lake Softball League 1971 season will get underway on May 10 and prospective teams for both the slow and fast pitch leagues have until April 30 to enter.

Dr. La Berge To Talk At AIAA-NSPE Meeting

Guests and wives of members are invited to hear Dr. Walter B. LaBerge, NWC Deputy Technical Director, discuss various phases of the Apollo projects at a dinner meeting sponsored jointly by the China Lake Section of the American Institute of Aeronautics and Astronautics (AIAA) and the National Society of Professional Engineers (NSPE). The dinner meeting will be held at 7 p.m., Wednesday, April 21, at the Hideaway in Ridgecrest. The entree is cornish game hen at \$4.00 per person.

At the meeting Dr. LaBerge will discuss the role of ground computers, flight controllers and astronauts in the Apollo program. He will play a recording which includes the Apollo 11 landing, the

Apollo 12 lightning incident, the Apollo 13 "problem," and the Apollo 14 landing.

While working with Philco-Ford Corporation, Dr. LaBerge had an important role in the space program, beginning as a group leader responsible for design, development and installation of the NASA Mission Control Center at Houston. He had extensive responsibilities in connection with space systems and related projects for both the Air Force and the Navy.

Reservations for the dinner may be made with one of the following: Andy Victor, 7218, 7307; Temp Robinson, 7531, 7510; Milt Wilson, 7246, 7249; or Tom Boggs 2628, 2732.

Eight Employees Complete Requirements For Masters

The first NWC employees to earn Master degrees through the Center-sponsored USC program of advanced studies in engineering that was launched in February, 1969, recently received notification of their having been awarded their completion certificates and diplomas.

Receiving an MS in Mechanical Engineering were: Keith Clark, Code 3012; Ronald J. Cohn, Code 3072; James G. Dixon, Code 3512; James R. Marshall, Code 4063; and Donny R. Paul, Code 4585. Receiving their MS degree in Electrical Engineering were: Richard M. Smith, Code 3045; Richard A. Schmidt, Code 5522; and Larry Levsen, Code 4041.

The local USC graduate program in engineering provides NWC employees the opportunity to obtain advanced training applicable to their work with the minimum of interruption of their regular duties. The program is laid out so that the participants may complete a total of six courses at

China Lake in a period of three semesters and an additional four courses in one semester at the USC campus. Cost of the one semester on campus is borne by the Center through the awarding of a USC Program Fellowship. Eligibility for the on-campus portion of the program requires satisfactory completion of the courses taken at China Lake, acceptance of the candidate by USC as a graduate student, and approval of the planned on-campus training by the candidate's department head and by the Center's top Command. All of these eight first graduates of the program spent the past Fall semester at USC and satisfied the degree requirements in the course thereof.

Social Security Rep.

All employees with questions about Social Security provisions may contact a representative from the Administration here next Wednesday, April 21.



CHECK IN—The Center was privileged to host the annual meeting of the National Security Industrial Association during this past week which was attended by 110 representatives of government and industry. Above, BGen. W. L. Hamrick, USAF

(Ref.), West Coast Director of NSIA (1) and two other unidentified members receive their visitor's pass from Loretta King of Code 002. The one-day meeting,, held April 14, was opened by RADM. W. J. Moran, NWC Commander.



RETIREES AFTER 30 YEARS—LCDR. E. H. Blackmon, center, Administrative Services Division head of the NWC Medical Department, was presented a flag kit and an official letter of retirement in ceremonies recently in the office of Capt. A. E. May, left, Deputy Commander. Capt. G. W. Jauchler, NWC Medical Officer, attended the event. LCDR. Blackmon and his wife, Neva, have made no definite plans beyond "doing some traveling and visiting friends and relatives."

PWOC Schedules Potluck Fete At Chapel

A "Satire on Fashion," presented by Mrs. Jan Murdock Thompson and her husband, Keith, will be sponsored by the Protestant Women of the NWC All Faith Chapel on Tuesday, April 20, in the Chapel's East Wing. A pot-luck dinner at 6 p.m. will precede the program.

Mrs. Murdock's "satire on Fashion" is a Christian-oriented program, presented with a combination of humor, inspiration and information. She is a comedienne and lecturer in the field of fashion



Jan Murdock

and personality development and she has performed for numerous organizations throughout Southern California.

Keith Thompson has been on stage, radio and television, and has toured the U.S. with Horace Heidt as a harmonist.

Those planning to attend the event are asked to bring a salad or vegetable if their last name begins with A-L, and names M-Z are asked to bring desserts. Meat, rolls, coffee and tea will be furnished.

Tickets for the program are \$1.50 and may be purchased from Mrs. Edle Karlstrom, 446-3678, or at the Chapel Office. Reservations must be made with Mrs. Karlstrom by April 18.



GRADUATES—The first graduates of the NWC-sponsored USC program of advanced studies in engineering pose for a group portrait. Left to right (front row) they are: Keith Clark, Ron Cohn,

Richard Smith, and Richard Schmidt; (back row) Larry Levsen, James G. Dixon, James Marshall, and Donny Paul. The program was launched in February, 1969.

Research Society Plans Lecture By Dr. Leopold

Dr. Estella Leopold of the U.S. Geological Survey will speak on the evolution of Mojave Desert at the spring meeting of the China Lake Branch of the Research Society, 6:30 p.m. Tuesday evening at the Commissioned Officers' Mess. She will relate how her studies of fossil plant materials, from pollens to pack-rat nests, reveal the development of the present arid ecology from a lush parkland following the last Ice Age.

The speaker has an extensive research background in Botany and Geology and is a noted conservationist. Last year she received national recognition for her successful efforts to preserve the unique Florissant fossil beds in Colorado from encroaching land development. Her visit to the Mojave is part of a continuing study of the paleobotany of the Seales Lake region.

Tickets for the buffet-style dinner will be available from RESA officers, or reservations may be made by calling Don Moore at ext. 2835.

NWC Tests Fireline Construction Device —

Center Ordnance Team Journeys To Sequoia Forest For Experiments

Members of the Naval Weapons Center who are currently associated with a project to help the U.S. Forest Service develop an explosive device for rapid construction of fire lines traveled to the Sequoia National Forest this past week to conduct further tests in a prescribed burning situation.

Journeying to the spot from NWC were Robert G. S. "Bud" Sewell of Code 407, John Pearson, Dr. Carl Austin, and Carl Halsey of Code 603, Mike Smith of Public Works, and ABHC Robert Clark of the Center's Explosive Ordnance Disposal Team. Tests were conducted in conjunction with officials of the Forest Service, including Jim Lott and Dick Ramberg, representatives from the Forest Service's Equipment Development Center at Missoula, Montana (MEDC).

Also present were representatives of the U.S. Forest Service, National Park Service, and the California State Division of Forestry.

The gathering occurred at the request of California Regional Forest Service officials who felt that NWC's Fireline Construction Device would prove to be an outstanding contribution to an application involving prescribed burning in which excess forest fuel could be eliminated in a controlled environment, thereby reducing the hazard in high fire risk areas during periods when wildfires would normally be expected to occur.

At a meeting held in Kernville in October of 1970, results from past tests conducted at NWC and the Missoula Equipment Development Center were reviewed and evaluated by California Regional Forest Service officials. As a result of those talks, the Sequoia site was selected to determine the effectiveness of the device when used with California fuel types and to gather data for future development of the system.

The basic device consists of either one, two, or three strands of 400 grain primacord centered in a plastic tube that also contains an outer cavity that can be filled with fire-retardant material. The device can be deployed in any lengths, and to any desired configuration. Upon detonation in the forest, a line is cut through the adjacent vegetation and provides quick access to the area by Forest Service personnel. The device

normally results in a fireline that is two to three feet in width.

The recent tests were used to demonstrate the capabilities of the device and the present state of system development to field and staff personnel, and to determine the most efficient way to use the device with respect to the different types of fuel that were being subjected to the experiment.

Tests were conducted on the Tule River Ranger District, Sequoia National Forest, Region 5. The test sites were set up along a portion of the control line being constructed by the Forest Service in connection with a program of prescribed burning related to the Camp Nelson Fuelbreak Project.

NWC's responsibility in connection with the demonstration was to handle the loading and transportation of the device to the test area, to handle placement and detonation at the test site, and to provide explosive ordnance expertise at the critique that followed.

MEDC's role was to prepare the basic test and safety plans in cooperation with NWC and Sequoia forest officials and to coordinate all pretest and on-site test activities.

At the scene, Carl Halsey of Code 603 and ABHC Robert Clark of NWC handled the blasting duties associated with the tests, and they were assisted by Mike Smith of the Center's Public Works department who operated a lightweight, tracked vehicle called a "Toter" (equipped with a 50-gallon tank and a pump) which was used to fill the deployed primacord tubes after they were put into place.

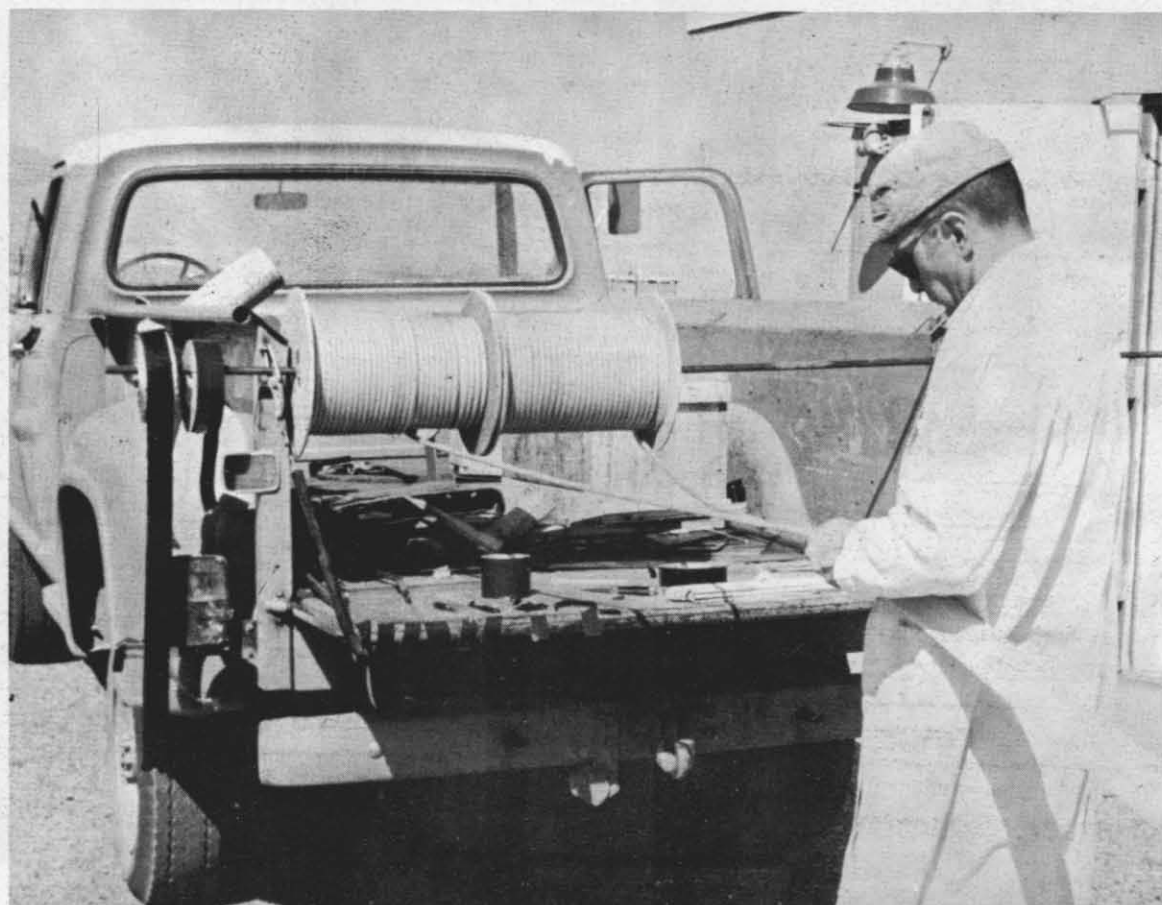
A critique of the tests held immediately following the deployment on the Sequoia mountain seemed to indicate cautious acceptance of the principles demonstrated. A final report is currently being put together for better evaluation and more intense analysis of tests results.

Representatives of the National Park Service evidenced great interest in the use of modified fireline cutters as rapid and economical means of delineating national park boundaries. Preliminary feelings from among observers at the test site indicate that the device is highly regarded and could be the most significant contribution to fireline construction since the introduction of the chain saw.



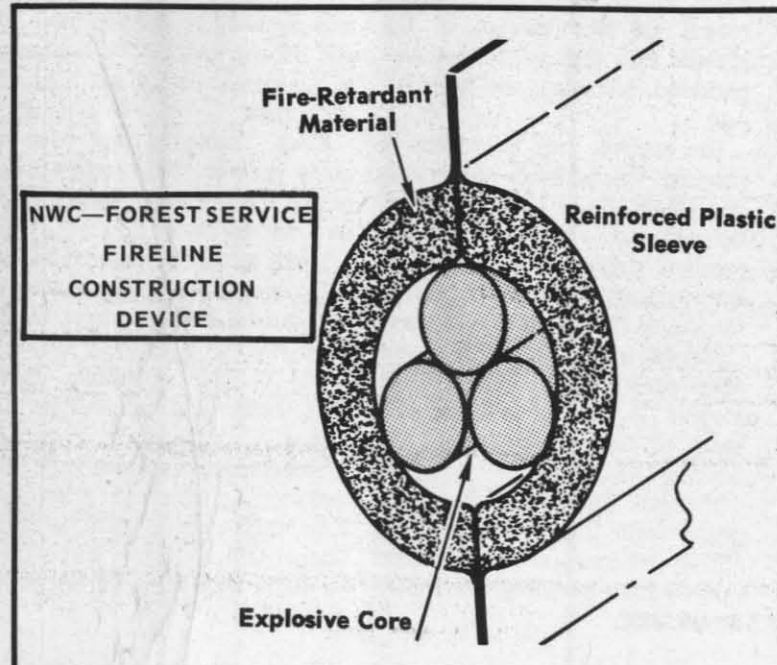
BLASTERS—ABHC Robert Clark of the Center's EOD team (1) and Carl Halsey of Code 603 were the principals involved in deploying and detonating the device. Above, they prepare to

deploy the device at one of the test sites prepared by the Sequoia Rangers as Tom Masonheimer, Tule River Ranger District Fire Control Officer, looks on.

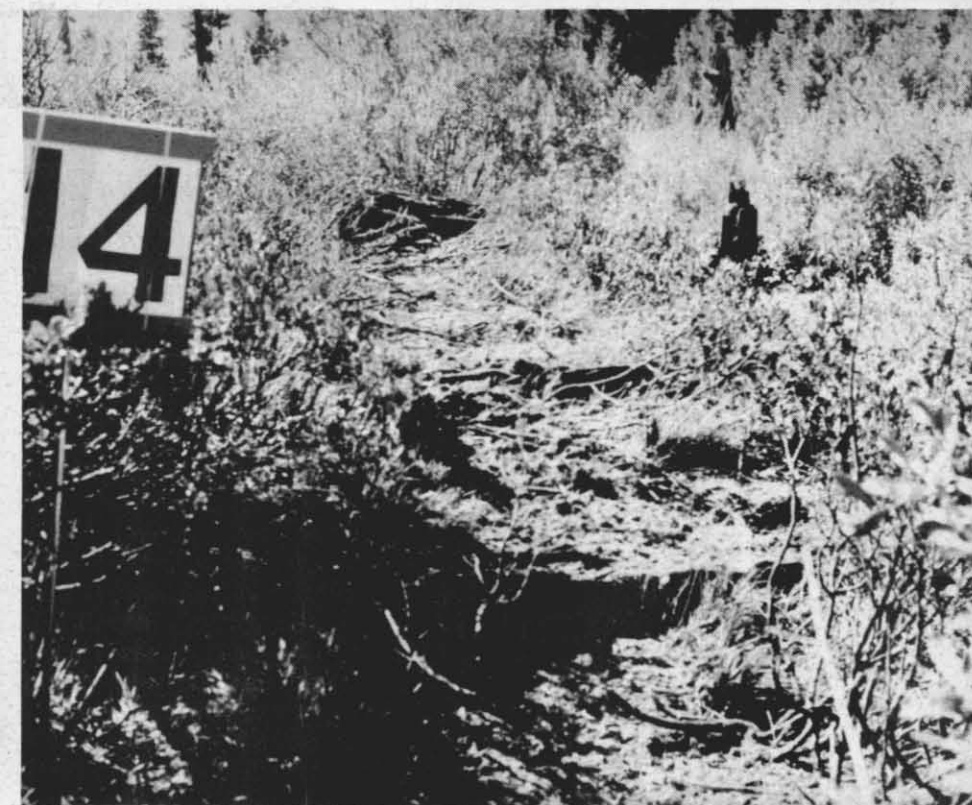


INSERTING PRIMACORD—James Lott, an engineer from the Forest Service' Equipment Development Center at Missoula, Montana

(MEDC), journeyed to NWC to assist with loading of the explosive device that was to be used in Sequoia in the recent field tests.



MISSOULA TESTS—Feasibility tests of the NWC-Forest Service fireline construction device conducted in August, 1970, at the Forest Service' Equipment Development Center at Missoula, Montana (MEDC) demonstrated that firelines could be constructed in



almost any type of growth. The photos above are before and after shots that led to further development and experimentation in other types of terrain. Patents for the device have been applied for.



TOTER OPERATOR—Mike Smith of NWC's Public Works Department was also on hand to operate the Toter vehicle which contained a 50-gallon tank of fire-retardant material and a pump. Below - Chief Clark fills the explosive device with material from the Toter.



LOTS OF SMOKE—The spectacular "look" of a typical shot belies how much actual damage is actually caused to the surrounding vegetation. Actually, the fire-retardant material that is en-

closed in the plastic tube which also houses the explosives, limits further ignition of the surrounding vegetation.



Photos By PH3 Ron Mills

POST-APPRAISAL—Dr. Carl Austin indicates with the points of his fingers the amount of fuel cleared by one of the test blasts. The shot was set off in an area that was filled with large amounts of short incense cedar.