Open House Highlighted By Masquers









MASQUERS IN ATTENDANCE — Hollywood personalities who will be in attendance for the gala show to be presented at the Center Theater on Armed Forces Day include Virginda O'Brien and Vince Barnett (top left and right) and Joe Quinn and Kitty Malone (bottom left and right). The shows will be staged free of charge at 4 p.m. and 7:30 p.m. at the

Stamp Club Wants Foreign Issues

Stamp Club has voted to col- son Laboratory, has agreed to lect foreign stamps for distribution to children in hospitals in Southern California.

An appeal is being made to residents of the Naval Weap- stamps, may contact Dr. Robons Center who receive mail from overseas correspondents to donate the envelopes or the stamps to the Club.

Dr. Rick Roberts, who is lo-

The Indian Wells Valley cated in Room 1415 of Michelaccept stamps from employees of the lab. Anyone who receives such mail and who would like to donate the erts, ext. 72869, or call Jim Cooke, ext. 725483, or Jack Lindsey, ext. 72082 and the material will be picked up.

A troupe of actors from the Masquers Club, led by Vince Barnett, the famous impersonator, will appear at the Center Theatre on Armed Forces Day. There will be two shows due to the limited seating capacity of the theater. The first show, at 4 p.m., will be for children, and the second, at 7:-30 p.m., will be for all Center

Barnett will bring with him Joe Quinn, Virginia O'Brien, Kitty Malone and Dr. Wm. Teaford. Bob Duggan will be the Master of Ceremonies.

Joe Quinn is a well known comic, toastmaster and master of ceremonies who has appeared for over 25 years to New York and Hollywood audiences. He has been seen in nearly all the major TV shows including a running part in "Arrest and Trial" with Chuck Connors and Ben Gazzara.

Kitty Malone has a long list of credits on TV, movies, and the theatre. She has appeared on That Girl, the Smothers Bros. Comedy Hour, Ironside, and in such films as Dr. Doolittle, Thoroughly Modern Millie and Music Man.

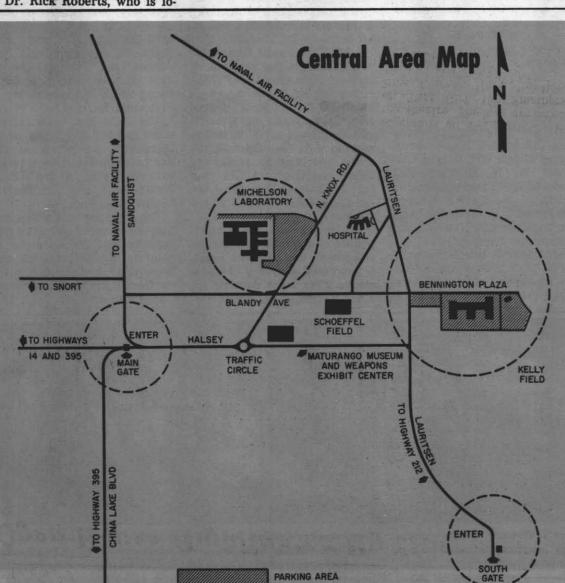
On Broadway she has appeared in King and I, Oklahoma, Guys and Dolls, and many

Bob Duggan, the MC, is the man who understudies Red Skeleton and takes Skeleton's place in case the comedian is ill. Duggan has appeared in many movies and on numerous TV shows, including the FBI and The Fugitive.

Virginia O'Brien is a character actress, comedienne, dancer and has performed in many movies and TV shows.

Dr. Wm. Teaford, is a concert pianist and professor of music at UCLA. He will be the accompanist for the group.

A cordial invitation is extended to all Center residents to attend this fine presenta-





SCHEDULE OF EVENTS

6:30 a.m.-Station Restaurant open 7 a.m.-10:30 a.m.-Kiwanis Pancake Breakfast 7:30 a.m. 4:30 p.m. - Naval Weapons Center open house 8 a.m.-4 p.m.-Weapons Exhibit open

Maturango Museum open Navy/NWC Films (Weapons Exhibit Building) 8 a.m.-5 p.m.-All Faith Chapel open 9:30 a.m.-2:15 p.m.-Naval Air Facility Open House 9:30 a.m.—Static Displays open 10:30 a.m.—Welcome Aboard 10:45 a.m.—Flight Demonstrations commence Glider demonstration Weapons demonstration Helicopter demonstration

12N-4 p.m.—Safety Exhibit open (Safety Building) 12:30 p.m.-4 p.m.-Michelson Laboratory open p.m.-6 p.m.-Boy Scout Apollo Exposition (Schoeffel Field) 4 p.m, 7:30 p.m.—Masquers Club Program (Station Theater)

Parachute demonstration

SHOWBOAT

NEW RATING PROCEDURES

Future ratings for motion pictures shown at the Center Theater will be rings—the familiar Parents' Mag ratings, and the new MPAA (Motion Picture Association of America) ratings

(R)-Restricted, persons under 16 at

(A)-Adult (Y)-Youths 13-17 (C)-Children 8-12

"THE DEVIL IN LOVE" (97 Min.) Vittorio Gassman, Claudine Auger, Mickey Rooney 7:30 P.M.

(Comedy) The devil orders Vittorio to foment a war between Florence and Rome as he makes him human again, but our hero

4:00 P.M. and 7:30 P.M. ARMED FORCES DAY-MASQUERS CLUB

SUNDAY-MONDAY "THE DARING GAME" (100 Min.) Lloyd Bridges, Joan Blackman

(Adventure) The "Flying Fish" free fall grachute into the sea, set up an undersea gloo and proceed with their mission o rescue. As modern as tomorrow, with un galore! **(A, Y, C) Short: "Beachcomber" (9 Min.)

TUESDAY-WEDNESDAY "THE IMPOSSIBLE YEARS" (97 Min.) David Niven, Lola Albright 7:30 P.M.

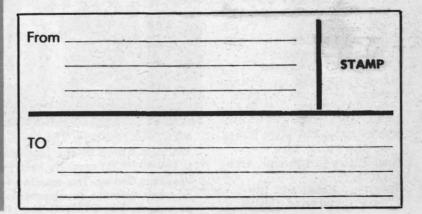
(Comedy) The funniest film of the year tells of an authority on the raising of children, who can't raise his own teenage daughter. Her wacky boy friends, the hip pie cyclist, the poolside party are all a riot of laughs! *(G) **(A, Y, MC) Short: "Stop, Look, Listen" (10 Min.)

THURSDAY-FRIDAY "THE FLAMING FRONTIER" (93 Min.) Stewart Granger, Letitia Roman

(Western) Cowboy seeking the murderers of his family has a trail full of woe made of a train robbery, claim-jumpers and a fiery Indian chief who also seeks ven geance. **(A, Y, C)

Shorts: "Of Rice and Hen" (7 Min.) "Down Thru the Years" (9 Min.) For up-to-date, call Dial-A-Phone, Ext. 72411.







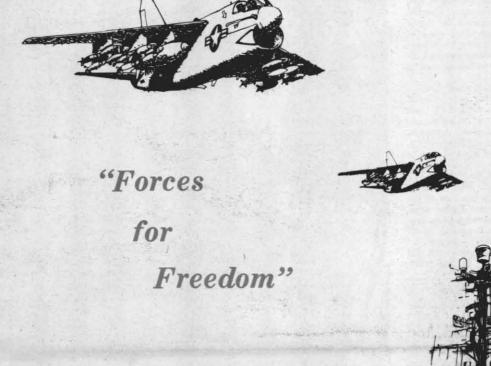
NWC Mission Page 6 Air Display

IN THIS ISSUE

Scout Exposition... Page Page 10 Page 11

Symposium

Center Celebrates Armed Forces' Day With 'Open House', Air Display, Exhibits





ARMED FORCES DAY COMMITTEE-Members of the NAF Armed Forces Day Committee headed by Cdr. Chas. Wack (standing) get together for last minute discussion on the planning of the events to take place at the Naval Air Facility. Left to right they

are: Lt. J. Lockhard, Lt. J. Kincheloe, Lt (jg) W. Johnson, LT(jg) T. Broedling, Cdr. Wack, LT(jg) J. Van Parys, Ens. J. Quine, Chief Lawrenz, and Cdr. V. Donnelly. Cdr. Wack is also the overall coordinator for the entire Open House program.

Safety Exhibits, Scout Exposition And Masquers' Show Highlight Event

"Forces For Freedom," the theme for this year's Armed Forces Day celebration, will be evident everywhere on the Center, reports Cdr. Charles G. Wack, coordinator of the 19th annual celebration. Special exhibits have been set up at various locations at NWC to give visitors a first-hand look at the Center, its mission, its past accomplishments, and its hopes for the future.

Open House will begin at 7:30 and will finish with the Boy Scout exhibition at Schoeffel Field at 6 p.m. A complete schedule of events can be found on page 12 of this issue of THE ROCKETEER, with more detailed descriptions of the various exhibits on pages 5 through 8, including maps of the facilities having programs.

Capt. M. R. Etheridge will give a Welcome Aboard address at opening ceremonies at Armitage Field following a parade of the colors at 10:30 a.m. After the opening ceremony, an air display featuring an exhibition of parachute - jumping by a team of local skydivers, in addition to a glider demonstration by the China Lake Soaring Club, a weapons demonstration by pilots of VX-5 and NAF, and a helicopter demonstration will take place.

At NAF, static displays of antique aircraft, plus current Air Force and Navy operational aircraft will be available for public viewing.

Busses will be run from Bennington Plaza to NAF on a Safety Building on North Husof safety equipment presently dome.

and workmen on the job. The Safety Department will hold a drawing for free safety shoes, and will serve cold lemonade to thirsty visitors.

The Boy Scouts will hold their "1969 Apollo Exposition, Showcase for Adventure," at Schoeffel Field, commencing at 2 p.m. Booths and tents will be set up to show the various skills of the Boy Scout Troops and exhibitions of the Scouters qualifications for merit badges will be performed.

Michelson Laboratory will be open to visitors from 12:30 to

Michelson Laboratory will have on display a number of items utilizing Conference Rooms A, B, C and D and the outdoor area adjacent to Wing 1.

These will include a SNORT sled, a head-coupled TV which operates as an extension of man's senses, an ultra-wide angle viewing system, a Holography display, a visual voice display, and a photograph exhibit.

Also planned for exhibit is shuttle basis starting at 9 a.m. an M-45 Mount with a TV and will make stops at the camera system, a Computer Time Sharing Remote Consey Road starting at noon, sole, a Bowen CZR-1 mount, where the Safety Department and a Mobile camera mount has scheduled demonstrations with cinethodolite and astro-

Armed Forces' Day Message

President Nixon, in his statement on Armed Forces

"From Concord Bridge to War Zone D, the American Man-at-Arms has served his country with discipline, skill, and devotion.

"Thousands of young men and women served their nation today in uniform, performing countless acts of kindness where the opportunity affords itself, pursuing the grim work of battle where circumstances compel it. Each does honor to himself and to his country.

"I invite every American to join with me in honoring our servicemen, service women, and their families during Armed Forces Week this year. Our modest efforts can never do credit to the sacrifices they have made or the service they have rendered, but we can, each in our own way, express our appreciation of their selfless and flawless service to the nation."



The Kiwanis Club of Ridgecrest will hold their

annual Pancake Breakfast

again this year at the Community Center on Armed

Forces Day. Serving time

will be from 7 to 10:30 a.m.

A donation of \$1 will be col lected for each breakfast.

This yearly event is staged

in order to collect funds

which are used for commun

ity projects and youth activ-

Center Library

Lists Volumes

To Assist Fixer

Library is featuring a display

of books on landscaping, gard-

selfer" will revel in the

ening, and home rpeair.

tains and Waterfalls."

In conjunction with the

Friday, May 16, 1969

CHAPLAIN'S MESSAGE

Why Fall-Out?

By CHAPLAIN AQUINAS JACK SMITH

Today "fall-out" is considered a dirty word. This is obvious from the very fact that we can talk about a "clean bomb."

But to "fall-out-of-love" in relation to either marriage or religion does not seem to have such a derogatory connotation.

Yet despite their popularity, these types of "fall-out" are having a more disastrous effect on our country. Let me review the "falling-in-love" process which I'm sure your own experience will verify, and see if the simple remedy can be applied to your own personal life.

"FALLING IN LOVE"

"Falling in love" has well been described as an experience of becoming aware of another as a PERSON (in the fullest sense of the term - as a special, unique individual). Two people may know each other for a long time before they become aware of the distinct, unique personhood of the other.

It is just this new awareness that draws them more closely together, makes them more open to each other, ready to remove all the obstacles to further self-revelation, to an ever deepen-

This is why young lovers have so much to talk about, so great a need to be with each other, to be alone, so that they can COMMUNICATE, so that they can share their personal hopes and longings, ideals and secrets.

It is through CONVERSATION that this is accomplished as they mutually disclose themselves to each other. Such an experience can not help but change them, as each one becomes more himself — as the other helps him to grow. He is different after this experience and feels he has more being, more worth, as the beloved has brought out something that was only there po-

The same type of experience has taken place in the life of the ordinary Christian.

It happened when he finally realized that Christ was not a fable or a fixation, but a Living Person who was deeply interest-

This new awareness enabled him to discover that Christ was disclosing Himself in His Word and Worship, actually giving Himself to the believer.

As the Christian responded and opened himself to His Lord, he found that he was most willing to shed all the obstacles that in any way prevented a greater union with the Beloved. So he began to live for Christ, because he had fallen-in-love with this extraordinary Person.

MARRIAGE

Marriage is the inevitable fruit of the budding love affair, but in many cases what should have been an ever-expanding love, seems suddenly to dry up.

In almost every case it seems to be the same bug that is attacking the root - a break down in COMMUNICATION, in openness to each other, in sympathy, compassion (a mutual feeling-with).

Therefore it seems necessary to repeat the "falling-in-love" process to reopen the line of communication in order to remove the obstacles that have crept in with the passage of time.

The same phenomena is observable on the religious plane. If communication breaks down, if CONVERSATION with Christ cools than religious development, the personal relationship with his Lord drifts apart because new obstacles must arise with

In both cases the FALL-OUT, a falling-out-of-love, is because of a falling-off of communication. The remedy for each seems to be the same - a return to PERSONAL CONVERSA-

The Rocketeer Official Weekly Publication U. S. Naval Weapons Center

China Lake, California Capt. M. R. Etheridge, USN

Public Affairs Officer

Joan Raber Associate Public Affairs Officer (Acting) Director of News Bureau

William P. Valenteen, Jr.

Jack C. Lindsey

Lucille Edwards

PH1 Gary D. Bird, PH2 Delmar E. Hart Staff Photographers

. Tuesday, 11:30 a.m. The Rocketeer receives Armed Forces Press Service material, All are official U.S. photos unless otherwise identified. Printed weekly with appropriated funds in compliance with NavExos P-35, revised July

71354, 71655, 72082

Tuesday, 4:30 p.m. NWC Jewish Services (East Wing All-Faith Chapel)-8 p.m. every first and third Sabbath School-10 a.m. to noon, every

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

first and third Saturday.

DIVINE

Morning Worship-8:15 and 11 a.m.

Roman Catholic (All-Faith Chapel)-

Sunday School-9:30 a.m., Chapel An

nexes 1, 2, 3, 4 (Dorms 5, 6, 7, 8) located opposite Center Restaurant.

Holy Mass-7, 9:30 a.m., and 12:30 p.m.

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

Confessions-7 to 8 p.m. Saturday

Protestant (All-Faith Chapel)-

PROMOTIONAL **OPPORTUNITIES**

The fact that positions are advertishere does not preclude the use of ot

from May 16 to May 23, 1969. Purchasing Agent, G5-2020-04-05-06, Code 2594 — Responsible for procurement delivery of materials and parts required for Shop Store stock which is done through impressed fund, blanket purchase orders or emergency document procedure. Experience required in purchasing of auto-

File applications for the above with Carole Cadle, Bldg. 34, Rm. 26, Ext. 71648.

Digital Systems Computer Operator, GS-332-5 or 7, Code 1781 - Operate various computer systems to process computer programs concerned with management data. Operates Univac 1005, linked to Univac 1108 during production runs. Assembles program run decks, assigns tapes, punches and sets up the control cards specifying the control internal variables and defines error conditions and runs the program according to instructions. Must recognize and act independently on machine stoppages and error situations. Exercise good understanding of programming and machine operation. Incumbent will work either swing shift or

Computer Ail, GS-335-3, Code 1781 ment Data Processing Staff, Central Staff, ncumbent receives source documents and punched cards, prepares control documents, posts and maintains logs which identify input, action required, and status of work in process through release of output. Edits proper procedures have been followed. Posts Control Logs which are used to develop various predetermined control totals sed in balancing the various machine processed output. Assists in distribution of reorts, Incumbent will work Swing-Shift.

Fi'e application for the above with Sue Prasolowicz, Bldg. 34, Rm. 28, Ext. 71577.



REV. FRANCIS FILAS

The Reverend Francis L. Filas, S.J., Professor of Theology at Chicago's Lovola University, will speak on "Sex Education of Children for Parents" at 8 p.m. on Tuesday, May 20, at the NWC Community Center. A donation of 50 cents is being requested by the talk's sponsors, the NWC Interfaith Council.

On Wednesday, May 21, begining at 7 p.m., Father Filas will speak to the young people of the area at the Burroughs High School multi - use room on questions concerning Life, Love, and Sex. The general public is invited and there will be no charge.

Father Filas began his oneman crusade for wholesome family life 23 years ago when he introduced the Cana Conference movement for husbands and wives in the Detroit

In addition to teaching at Loyola University, Father Filas writes books, magazine and newspaper articles, speaks on television and radio and before public gatherings, and has re-

(Continued on Page 4)



FIRST COMMUNION-Chaplain Jude R. Senieur (r) administers Holy Communion to one of the 69 children who received this sacrament for the first time at the 9:30 A.M. Roman Catholic service at the All Faith Chapel. A reception was held afterwards at the community center for the First Communicants and their parents and friends, at which time the children were presented with their certificates. The First Communion ceremony culminated a year of study in the weekly religion classes held by the Confraternity of Christian Doctrine. During the past three months, the youngsters met twice a week and for the last week of study, two nuns from Los Angeles held daily instruction.



NEW CHAPLAIN-Lt. Aquinas Jack Smith (I), a Trappist priest, was recently sworn in as a Catholic navy chaplain by Captain M. R. Etheridge (r), NWC commander. He will be stationed at China Lake in the NWC Chapel program until the end of June, when he will report to chaplain school in Newport, Rhode Island, for eight weeks. After his training there, he will report for duty at a marine base in Quantico, Virginia. For the past five months Chaplain Smith has been assisting at St. Ann's Church in Ridgecrest. Before that, he worked in San Louis Obispo, California, and Atascadero State Hospital, Atascadero, California, for two months each. A graduate of Niagara University of New York, Smith was ordained a priest in 1959. After studying for two years at Angelicum, the Dominican university at Rome, he was a professor of philosophy at Our Lady of the Genesee monastery in New York for four years. Chaplain Smith is a native of Philadelphia, Pennsylvania.

Naval Aeroballistics Seminar Held At Corona

RAdm. Schneider Hails Meeting

On May 6, 7 and 8 the Eighth Navy Symposium on Aeroballistics was hosted by the Naval Weapons Center at its Corona Laboratories.

Over 200 Research scientists from government laboratories, universities, and industry were in attendance at this important event. R. W. Van Aken, Head, Aeromechanics Division, Code 406, served as General Chairman for the three day meet-

The Sympoisum was sponsored by the Naval Aeroballis-Center's Fix-up; Paint-up; tics Advisory Committee, which Clean-up program the Center is chaired this year by Dr. L. L. Cronvich of the Applies Physics Laboratory, Johns Hopkins University, under the auspices The dedicated "do-it-yourof the Naval Air Systems Command and the Naval Ordnance Systems Command.

wealth of material offered on how to build fences, patios Dr. Cronvich, in his preliminand walks; the more ambitary remarks, described the ious will be interested in functions of the Naval Aerobal-"Ideas for building barbeculistics Advisory Committee, es," and "Garden Pools, Founwhich has been serving the Navy in an advisory status since 1949.

The avid gardener will be enthusiastic about such titles In this capacity, the Commitas "Landscaping for Western tee has played an important Living," "Desert Gardening" role in advising the offices of and "Garden Plans." Those the Assistant Commanders for who wish to go into the sub-Research and Technology of ject more deeply will enjoy both the Naval Air Systems "Entryways and Front Gard-Command and the Naval Ordens" and "How to Plan, Estabnance Systems Command on lish and Maintain Rock Gard-Aeroballistics. ens." For fanciers of Japanese gardens there are two new books on the art of Bon-

Japanese Gardens.' For help in specialized areas see "Lawns and Ground Covers," "How to Grow and Use Annuals," "Gardening in Containers", and "How to Grow

sai, and one titled "Ideas for

Roses. If improving the exterior of your home inspires you to take a good look at the interior you may wish to examine three new titles in this area: "Furniture You Can Build," "Lighting Your Home,, and "Inside Today's Home."

Many of the above mentioned titles are written by the editors of Sunset Magazine and are illustrated with beautiful photographs and detailed drawings. The books mentioned, in addition to others on the same subjects, will be on display for inspection May 9th through May 16th after which they will be checked out in the order in which they are reserved.

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

Ballinger-Men That Made God Mad. Cheever-Bullet Park. Whitney-The Winter People. Wilhelm—The Downstairs Room.

Non-Fiction Berne-A Layman's Guide to Psychiatry and Psychoanaly-

European Cooking. Graham-Confessions of a Hollywood Columnist. Hapgood-Agents of Change. Hawkes-A World of Vegetable Cookery. Hill-Dancing Bear. Krock-Memoirs; Sixty Years on the Firing Line. Noel Hume-Historical Arch-

Wenkam-Kauai and the Park Country of Hawaii

aeology.



VIP'S ATTEND MEETING-Dr. L. L. Cornvich, Chairman of the Naval Aeroballistics Advisory Committee, addresses the Eighth Annual Naval Aeroballistics Symposium held recently at NWC Corona. RAdm. R. J.

sion 5 with Structures and Ae- Smith, Code 4063, on "Weaproelasticity, External Carriage on - Aircraft Separation, a Re-

With its widely diversified membership, this group has been able to contribute significantly through its relationship with Industry, the Univer- ory Committee, although consities, and various government agencies.

RAdm. Schneider

The meeting was opened by RAdm. R. J. Schneider, Assistant Commander for Research and Technology for the Naval ity to the complexity of the re-Air Systems Command, who lationship of air launching area, was guest speaker. Mr. stated in his opening remarks: equipment to aircraft and mis-

hallmark of our modern re- rodynamics. search approach . . . We need this type of communication." He also pointed out that the complex aircraft -missile inter- Dr. Howard R. Kelly, Code face is rapidly becoming a 40604, on "Pressure Distribucompletely integrated system tion on Bodies at Large Angles and must be dealt with as such. of Attack;" R. E. Meeker, Code "I am confident there are many 4063, on "Feasibility of Increagreat discoveries ahead," he sing Sidewinder Maneuverabil-

and Stores Separation.

Session 5 was principally concerned with Stores Separation, a relatively new discipline in the area of Aeroballistics. The Naval Aeroballistics Adviscerned for some time with this general field, had recently addressed its attention in a formal manner. This action reflects the increasing recognition by the scientific commun-

NWC Papers

Papers presented by NWC

"These Symposia are the sile design in the field of Aepersonnel included those by

ity by Means of Enlarged Canards;" W. W. E. Parmenter, Forty-nine papers were pre- Code 4553, "Structural Qualifisented at the Symposium which cation of the LSFAE Weapon need are four- or six - lane was organized into 5 sessions, Dispenser;" C. Franklyn Mar-freeways." each representing a major area karian, Code 4061, on "An Exof Aeroballistics. Sessions 1 and perimental Investigation of Air-2 covered Heat Transfer and craft - Missile Interference Ef-Aerophysics, Nozzles and Jet fects:" J. V. Netzer, Code 4063, concerned with Aerodynamics tion Trajectories at the Naval ditional secondary terminals," many problems yet unsolved.

view of a Particular Weapon

On Tuesday, May 6, attendees to the Symposium were taken to the Corona National Golf Club for lunch and in the eve- group. ning were entertained at Knott's Berry Farm.

FAA Manager

Wednesday's sessions were Holiday Inn in Riverside at which John H. Hilton, FAA Manager for the Los Angeles Hilton, who directs the entire FAA program in Southern California and Arizona, was introduced by Dr. Thomas S. Amlie, NWC Technical Director.

"Aviation is the keystone of modern transportation." Mr. Hilton stated. "Two things dominate the thinking in aviation. They are Size and Growth; and significant adjustments are necessary to keep up with the trend. The basic air routes are there, but they are like two-

Systems Command, prepares to make the opening remarks. RAdm. Schneider also visited China Lake. and Missile Stability; and Ses- Weapons Center;" and R. E. he said. "At least 10 more are needed in the Los Angeles

search and Technology for the Naval Air

A 25-minute movie, prepared by the FAA, depicting the operation of the air traffic control system and how it is being automated was shown to the

The closing date of the Eighth Symposium on Navy Aeroballistics, May 8, also marked the 50th Anniversary capped by a banquet at the of the first successful transatlantic corssing by an airplane, the Navy NC-4 flying boat designed for WWI antisubmarine duty by the Navy and Curtiss

Engineering Corporation. In May, 1919, the NC-4, piloted by LCdr. A. C. Read, covered the 3,925 - nautical - mile flight, via Newfoundland, the Azores, and Portugal, in 24 days (52 hours and 32 minutes flying time), finally arriving at Plymouth, England

The NC-4 has been refurbished and will ultimately be on permanent display at the Smithsonian Institute along with the Biplane of the Wright lane highways, when what we Brothers and Lindbergh's "Spirit of St. Louis."

The Symposium recognized He emphasized the rapid that the commemoration of that growth of commuter airline de- amazing feat should serve to velopment, and also the great- point out the progress that has ly increased use of private been made in Aeronautics, ev-Effects; Sessions 3 and 4 were on "Prediction of Store Separa-planes. "We must develop ad- en though there still remains



MEETING HELD — The Electronic Trajectory Measurements Working Group of the Inter-Range Instrumentation Group (ETMWG/IRIG) recently held their 45th meeting at the Naval Weapons Center. The meeting featured presentations on phased-array antenna developments by government and industry personnel. The ETMWG was chartered in 1952 by the Range.

Commanders Council for the purpose of interchanging technical information concerning the advancement in state of art and the preparation of instrumental standards and technical papers, and to assist with inter-range operations. Jim Gossett (Code 3551) and Leo Deis (Code 30601) represented the Center at the meeting.



RECEIVES CHECK - Bob Nelligan, I, is shown receiving a check for \$200 from Jesse Goza, manager of the NWC Federal Credit Union as the Credit Union sponsors the Angels of the Indian Wells Valley Colt League. Nelligan is the President of the Pony/Colt League. Gordon Peacock, vice president, r, looks on. The ROCKETEER would like to take this opportunity to correct a caption under a similar picture in the May 9 issue. The check being received in that picture by Lee Gilbert from Capt. Abplanalp was also for \$200.

Round-up of Center Sports; Tennis, Bowling, and Softball

Ridgecrest Shell won the

first game of the 1969 Softball

season Monday night as they

outlasted Magic Cleaners, 6-3.

Bert Andreasen was in great form and looked as good as he

El Ranchito scored nine

runs against NAF in an action-

packed game which began at

8:30 that same evening. NAF

could only manage four runs,

but played a good defensive

game, throwing two men out

All new umpires took the

field Monday as the softball

season began. The new arbi-

trators were given their first taste of the fast action in the

China Lake Intramural Soft-

ball League, and according to

The official season opener

will be played Monday, May

19. The rest of the games

prior to that night will be con-

Sweet Adelines To

a rummage sale on Saturday

May 17, at the American Legi-

on Hall on Inyokern Road.

Hours of the sale will be

Scout Explorer Post No. 871

has been rebuilding televi-

sion sets as a craft and fund

raising project, and several of

these sets will be available at

Sweet Adelines is a non-profit organization. No set fee is

charged for appearances, and

free entertainment is furnish-

ed for civic or charitable

events. Proceeds from the

rummage sale will be used

for costumes, music and educa-

every Wednesday at 8 p.m. at

413 McIntire Street, China

Chapter meetings are held

tional material.

sidered practice games.

Bill Michols, did quite well.

from deep in the outfield.

did last year.

The China Lake Tennis Club will hold their annual Spring Tourney on May 24 and 25 with the finals to be played May 31. Trophies will be awarded at a steak fry after the finals on May 31.

The major event will offer competition in five divisions: men's and women's singles; men's and women's doubles; mixed doubles.

Mixed double entries will sign up as a team; men's and women's doubles will be draw. The entry fee is \$1 for nonmembers. Anyone wishing to join the Tennis Club may do so for \$3, juniors only \$1. Membership entitles card holders to free entry into every tournament event.

Entry deadline for the Spring Tourney is Wednesday, May 21, at 6 p.m. Those desiring to enter may call Joan Bustard, Ext. 723314, or Sherry Miller, Ext. 76763.

Participants are reminded that they need not be experts to enjoy tournament play. Playing with more experienced players is a good method for beginners to improve their game. The entry of amatures or beginners is invited. Tennis balls and cold drinks will be provided.

There was only one league from 9 a.m. to 5 p.m. Boy to report any results this past week. The Women's Thursday Night Trio wound up their season with the 2L's and an R finishing in first place. The second and The Advengers the rummage sale. garnered the third spot.

Jean Crom finished with the high scratch series, a 606, high scratch game, a nice 222.

Sallie Stephenson had high handicap series, 637, and Helka Peake the high handicap game, 248. The most improved bowler for the year was Jo McLaughlin, 19 pins over her average of last year.

Fred Dalpiaz, manager of Lake, and visitors are welcome. the China Lake Bowl, has stat-For information about memed there are still some bowlberships or singing engageers needed for the summer ments, please call Mrs. John leagues. Anyone interested in Hartwig, director, at NWC exbowling this summer is asked tension 77013, or Mrs. Joseph to call the Bowling Alley, Ext. Arisman, president, at NWC 72006, for further information. extension 725183.

Colt/Pony Leagues Begin League Play On Monday Night

ROCKETEER

Regular league season action will begin Monday, May 19, for the Indian Wells Valley and Pony Leagues. Each team will play 12 scheduled games to be followed by a double elimination tourney in the Colt and Pony League "A" Division at the end of the sea-

The Colt League games will be played at Schoeffel Field beginning at 8 p.m. This league has four teams whose members are the top 15- and 16-year-old players from the

The Pony League schedule calls for double-headers each evening, Monday through Friday, with the first game at 5:30 p.m. Over 100 boys, ages 13 and 14, are in this eight-team league. The Pony League diamond is located immediately south of the Center's tennis courts.

The Colt/Pony League program provides excellent baseball entertainment with no admission charge for any of the games. Adults from the entire Valley are cordially invited and urged to support the teams by attending the games.

Girls Needed For **New Water Ballet** Classes at Pool

Miss Edie Lyles, a part-time Lifeguard at the Base Swimming Pool, has notified the Rocketeer she will be conducting Synchronized Swimming Classes on Thursday evenings

Beginning May 22, these classes will be for teen-aged girls who are looking for a constructive way to spend the summer. More commonly known as "water ballet" the classes will enable young girls to swim in unison with other girls in rhythm and cadence.

Anyone interested in joining may contact Miss Lyles at the pool on Thursday evenings, or call her at 375-4557.

Any husband who thinks he Hold Rummage Sale is more intelligent than his wife is married to a smart wo-The China Lake Chapter of man.



STRETCHING THINGS A BIT — The first baseman for Genge reaches way up for a throw as the VX-5 runner seems to be safe. This was the scene in action Tuesday night in the China Lake Intramural Softball League. Genge outlasted VX-5 to win the game, 7-5. Tony Scanlan was the





FIRST PLACE WINNERS — Members of the AV Trophy Team, winners of the Monday Women's Scratch League, pose for this vic-

tory photograph. From left to right are Connie Evans, Jerry Holland, Alice Stevens, Rosalie Barber, and Sally Stephenson.

Miss Ridgecrest-China Lake Pageant Draws Closer



PROM QUEEN - Mindy Smith was crowned queen of the 1969 Junior-Senior Prom, held at the Commissioned Officers' Club on Saturday, May 10, by Mr. Paul Colter, junior class advisor. Princesses of the annual Burroughs High School event were Delite Braspenninckx and Vicki Romero, who were crowned by Mr. Jim Ehlers and Mr. Russell Christiansen, respectively, both teachers at Burroughs. Following the coronation, the Soul Explosion sang the theme song of "Days of Wine and Roses" in honor of the court. Mindy is the daughter of Mayor and Mrs. Ken Smith of Ridgecrest.

Armed Forces' **Day Features** Air Display

(Continued from Page 1)

In addition, the analog computer in Room 1016 will be on

At 4 p.m., and again at 7:30 p.m., the Masquers Club of Hollywood will present a program at the Center Theater. The first showing, due to the limited seating of the theater, will be for children. Vince Barnett will bring a troop, con sisting of Kitty Malone, Joe Quinn, Virginia O'Brien, Dr. Wm. Teaford, and Bob Duggan, to the Center.

The NWC Fire Division will show its "House of Hazards," to viewers. A perfectly conand their elimination.

Once each year, on Armed Forces Day, Americans have them. the opportunity to visit their military installations to witness for themselves the job their armed forces are doing munities to "Come Aboard" roughs High School. and see their "Forces For Freedom" in action.



which is to be staged May 24 at the Center theater. Miss Ridgecrest Auto Dealers Miss Automobile Dealers Association of Ridgecrest is Miss Sybil Aulds, a senior class student at Burroughs High

finalized for the actual pageant

Born in Rusten, La., the 18year-old student aspires to the life of an airline stewardess. The 5-foot, 5-inch brown-haired beauty also lists hair styling as one of her primary in-

Miss Aulds school activities includes two years as a cheer leader, President of the Business Club, two years on the student council, member of the Burroughs High Drug Commit-tee, and 1968 Homecoming

For things that she does different from her friends, she lists entering the Miss Ridgecrest-China Lake Pageant, helping her father repair the family car, driving a truck, and once having a pet pig.

She is the daughter of Mr. and Mrs. Pleasant H. Aulds of Desert Park. Her father is employed by the Propulsion Development Department at China Lake.

Miss Optimist

Jean Cadman, also a senior at Burroughs High School, is sponsored by the Optimist Club. She will enroll in Business Education at Bakersfield College Desert Campus this fall, but received her elementary education at James Monroe School.

She was born in Los Angeles and lived in Randsburg for five years before moving to Ridgecrest for her senior year at Burroughs. She lists bein accepted in the eighth grade at James Monroe School as her most exciting moment.

Miss Cadman is 17 years old and 5-foot, 5-inches tall. She has hazel eyes and auburn structed scale model house hair. She has traveled in Westwith see-through walls, the ex- ern Canada and about half of hibit will point out the dang- the states of the U.S., includers of potential fire hazards ing Alaska. She has always taken notes on her trips, then has written short stories about

She is the daughter of Mr. and Mrs. Earl Cross. Miss WACOM

Linda Rainsberger, who is in protecting their country. To- entered as Miss WACOM, is morrow is that day. The com- sponsored by the Ladies Auxmand at the Naval Weapons iliary of the Commissioned Of-Center cordially invites all res- ficers' Mess at China Lake. She idents of the Indian Wells Val- was born in Ridgecrest and is ley and the surrounding com- a senior class student at Bur-

> The 17-year-old senior plans to attend California Lutheran



MEMENTOES—Regardless of who wins the Miss Ridgecrest-China Lake Beauty Pageant, all of the contestants will take with them memories that will not quickly fade. This week the girls' activities centered around the selection of engraved bracelets at Ships' Bell jewelers. Shown left to right in the

above picture are: Jean Cadman, Miss Optimist Club; Sybil Aulds, Miss Auto Dealers' Association; Linda Rainberger, Miss WACOM; Ann Washburn, Miss Hucek's Travel Service; Peogy Vant, owner of Ship's Bell Jewelers; and Susan Wilson, Miss Lions Club. The pageant will be held May 24.

College where she will major California, and is now a senior in archeology. She would even- at Burroughs High School. The tually like to work in a muse- 17 year old, 5-foot 7-inch bru-

She is 5-foot 2-inches tall and has green eyes and dark brown University in Utah and expects hair. Her school activities have to pursue a career in Home included the Drama Club, the National Thespian Society, the giene. American Field Service, the Student Council, the Senior Class Council, and the Burroughs Choir.

She lists her most exciting experience as when she spent a week's vacation in Washington, D.C. visiting museums and art galleries. She rates Leonard Bernstein as her favorite national male figure and her favorite national woman figure as Helen Keller.

Miss Rainsberger is the daughter of Mr. and Mrs. Paul Rainsberger of China Lake. Her father is employed by the

Miss Hucek's Travel

ing her own clothing, which

letic Association.

Majorette.

education at Brigham Young

Economics and Dental Hy-

While in high school, she

merce Club and the Girls' Ath-

She is also interested in sew-

Ridgecrest with her parents, ment Weapons Development Depart- Dr. and Mrs. AlDean Wash-

is sponsored by the Lions Club. She would like to attend modeling school and become a nette hopes to continue her fashion model.

The 19 year old pageant candidate was born in Vallejo. She is 5-foot 4½-inches tall, and has green eyes and chestnut hair. An accomplished vocalist, she lists her favorite has been involved with such male singer as Glen Campbell groups as the MIA (Mutual Im- and Cher Bono as her female rovement Association of the vocalist. Her favorite singing Latter-Day Saints), the Com- groups are Peter, Paul, and Mary and Sonny and Cher.

Her favorite national figure Being athletically inclined, is Sen. Edward Kennedy and she enjoys tennis, basketball. Ethel Kennedy is her favorite and badminton, and has been national woman figure. She both a cheerleader and Drum names Jack Nicklaus as her favorite male athlete.

Miss Wilson's hobbies in clude collecting miniature pitshe has been doing for the chers and vases, and writing last five years. She lives in lyrics for her personal enjoy

She is the daughter of Mr. and Mrs. Bruce L. Wilson of China Lake where her father Ann Washburn, Miss Hucek's Susan Wilson, a 1967 gradu- is employed with the Engin-Travel, comes from Whittier, ate of Burroughs High School, eering Department.



WACOM HOLDS INSTALLATION - At a dinner meeting held last Tuesday night at the COM, outgoing WACOM president Anne Etheridge (far right) handed the gavel to newly elected president Ada Scarborough. Others on hand for the event were (I-r) Nancy Funkhauser, new Thrift Shop Chairman;

Mary East, newly-elected Treasurer; Audrey Bowen, newly elected Secretary; and Mary Snopkowski, newly elected Vice-President. WACOM also took the opportunity to introduce their pageant delegate, Linda Rainsberger, (second from right) who will represent WACOM in the upcoming contest.

Hospital Week

The Ridgecrest Community

Hospital will conduct an open

house from 1 to 5 p.m. this

Sunday, May 18, in celebration

of National Hospital Week. The

public is invited to review the

hospital facilities and tour the

Although National Hospital

Week officially ends Saturday,

May 17, this date was chosen

so as not to interfere with the

Armed Forces Day celebration

on the Naval Weapons Center.

during the Open House. Mem-

bers of the Board of Directors

will greet visitors and s m a l l

groups will be formed for a

formally conducted tour of the

The Pink Ladies will assist

as tour guides and members

of the medical staff on hand

at key locations to give brief

presentations on the facilities

Of special interest to visitors

will be a display of the Coro-

nary care unit in operation;

and the Pediatrics, Obstetrics,

Mrs. Myrtle Murchison is the

over-all program chairman and

Dr. McBride is in charge of

tours. Refreshments will be served and a free baby - sitting

service will be provided by the

Candy Stripers, a junior organ-ization dedicated to helping in

Many local residents did not

have the opportunity to tour

the hospital in September due

to vacation schedules. This is

an excellent opportunity to

view the new facility in opera-

A display of the new 26-bed

long-term-care wing is also

planned. Residents of the In-

dian Wells Valley and sur-

rounding communities are in-

and new Operating rooms.

in their specialty.

the hospital.

hospital

Many events are planned

various rooms and units.

Celebrated

Casting Made On Brigadoon For CLOTA

The Community Light Opera and Theatre Association production of "Brigadoon," will be presented in the Center Theatre June 20 and 21st, and June 26, 27 and 28. Pat Schwarzbach, director, and Marion Carter, assistant director, announced the names of the cast members at a meeting held Monday night, May 12, after intensive tryouts and rehearsals were held the previous week.

George Linsteadt will sing the male lead, Tommy, with Jeanne Gritton playing Fiona. Tommy's sidekick, Jeff, will be played by John Chatfield. Meg will be played by Kitty Lockwood and Jack Chandler will sing the second male lead of Charlie. Jeannie, Charlie's bride-to-be will be sung by Diane Dickinson and Stuart, Charlie's brother, will be done by Jack Lindsey.

Other roles are: Mary, Mary Lou Nielsen, Frank by Art Schaper, Andrew MacClaren, father of Fiona and Jeannie, by Wayne Carpenter, and Harry Beaton, the man who nearly destroys everything will be done by Wesley Willitt.

The teller of the miracle, Mr. Lundie, will be played by David Seppich and Barbara Clark will do the role of Bar-

Brigadoon is the name of a small town in the Scottish May 20— 8:00-11:00 a.m.—Code 18, NAF, Hangar 3, East Wall. Highlands which appears for one day every 100 years. Two visitors from New York, Tommy and Jeff, happen to be in the Highlands on the day that Brigadoon makes it appearance in this Century.

Caught up in the whirlwind of an expected marriage between Charlie and Jeannie, the two Americans decide to stay in the town until the wedding is over.

Thereby begins the tale of a love story for all eternity. Tommy falls in love with Fiona, but she is a resident of the town of Brigadoon and must go with it when the town disappears for another 100 years. If any resident of the town leaves, the spell would be broken, and all the townspeople would disappear forever.

The story and the music have been great favorites of play-going audiences for 20 years. All residents of Indian Wells Valley are urged to plan to attend.

Council Urges **Residents To** Pick Up Trash

Representatives of the China Lake Community Council will be contacting residents of the Naval Weapons Center to urge them to take advantage of the Community Council's Spring Cleanup program. Residents are urged to cooperate by looking around their yards and placing accumulated trash, old fences, car bodies, etc., in the alley or in an accessible area to be picked up.





MOVE EXPLAINED—Capt. M. R. Etheridge, NWC Commander, met recently with employees of NWC Corona to explain the latest developments and plans for carrying out

riod 20 through 28 May.

The Medical Department has announced plans to conduct

Chest X-rays are mandatory for all military personnel on

An Eleventh Naval District X-ray bus will be stationed at

All Departments are requested to arrange for personnel

Chest X-rays for military and civilian personnel during the pe-

a once-a-year basis, but civilians and military dependents are

not obliged to take advantage of the service unless they so de-

various locations around the Center during the X-ray period.

to report for their X-rays according to the following schedule:

May 21- 8:00-11:00 a.m.-Civilian employees from other de-

May 22- 8:00-11:00 a.m.-Codes 00 through 17, 20, 28, 29, 65,

May 23- 8:00-11:00 a.m.-Codes 25 and 70, Parking area in

May 24— 8:00-11:30 a.m.—Dependents of Active and Retired

Dispensary

May 25- 8:00-11:00 a.m.-Code 45 plus other CLPP personnel,

May 27— 8:00-11:00 a.m.—Codes 35, 50, 75, Michelson Labora-

May 28- 8:00-11:00 a.m.-Codes 55, 30 & 40, Michelson Labora-

SHIPS FOR FOUR MORE—Petty Officer First Class Pedro

Francisco (AK1) (r), was congratulated by Capt. L.A. Dew-

ing, Commanding Officer, NAF, when he "shipped over"

for four more recently, to add to his almost 14 years in the

Navy. Francisco was born in the Philippines, became an

American citizen in February 1969, and now claims Ridge-

crest as his home of record.

12:30- 4:00 p.m.—Codes 84, 85, 87, 88 and 95, Parking

rear of Dispensary.

area in rear of Dispensary.

First Aid Station, Salt Wells.

tory, Main Enerance.

tory, Main Entrance.

partments working at NAF.

Parking area in rear of Dispensary.

Personnel, Parking area in rear of

12:30- 4:00 p.m.—Codes 18, 90, & 98

12:30- 4:00 p.m.—Stragglers.

12:30- 4:00 p.m.—Same

12:30- 4:00 p.m.—Same

12:30- 4:00 p.m.-Same

12:30- 4:00 p.m.-Same.

the consolidation order that he received recently from Washington. The order directs him to consolidate the facility at Corona with those of China Lake by June, 1971.

Father Filas

corded five LP albums on sex

Of Father Filas' 10 books,

Television viewers know Father Filas from his annual Good Friday "Shroud of Turin," which has been presented for 18 years on Chicago television, of which the past three have been telecast on national ABC-TV. Seen by 46 million viewers, the program was chosen by TIME magazine as one of the outstanding telecasts of

Father Filas has also made

NWC Medical Center Lists Nurses Have Birthday Hours for Chest X-Ray Bus



NURSES CELEBRATE BIRTHDAY — The Navy Nurse Corps attended the event.

on May 13. The event was highlighted by a cake-cutting ceremony which was held Friday, May 9 at the NWC Dispensary. Capt. G. W. Jauchler, Senior Medical Officer, and guests from the Red Cross Volunteers, the Sewing Ladies, NWC Dispensary staff and nurses of the Ridgecrest Community Hospital were on hand to help the five nurses presently stationed at NWC to celebrate the occasion.

staff, served cake and coffee to the guests.

The Navy Nurse Corps was established as a unit of the Navy by an act of Congress on May 13, 1908. The first 20 nurses, known s the "Sacred Twenty," were as-

Four nuns of hie Order of the Holy Cross became the forerunners of the Navy Nurse Corps when they served aboard the RED ROVER, a confiscated Confederate steamer used as a hospital, from 1862 to 1865. They were the first female nurses to serve aboard a U.S. Navy Hospital

In 1910, the first Navy nurses to serve outside the Continental limits of the United States were sent to the Philippines. Ten years later, the first Navy nurses to serve aboard a hospital ship reported aboard the USS Relief.

home and abroad. However, the economy drive of the early 1930s dwindled its membership to 332 in 1935. The Nurse Corps' membership reached its peak in 1945, when 11,086 Navy nurses served in U.S. Naval Medical Facilities, overseas, in hospital ships and on air evacuation planes.

provide further training.

The Nurse Corps is presently commanded by Capt. Veronica M. Bulshefski. Capt. Bulshefski received her appointment as Director of the Navy Nurse Corps in May 1,

(Continued from Page 2) education and family life.

his most popular has been The Family for Families, a classic on marriage which gives practical reflections on family liv-

the Easter weekend.

five trips to the Holy Land, annually escorting a "Christmas in Bethlehem" tour. He was awarded the Terra Sancta medal by the State of Israel



celebrated its 61st birthday (May 13), with a cake-cutting ceremony in the NWC Dispensary. Shown in the photo helping to cut the cake are, I-r, LCdr. J. T. Dennis, Lt. B. J. Wood, Capt. G. W. Jauchler, Senior Medical Officer, Cdr. E. Graves, Head, Nursing Service Branch, and LCdr. J. A. Trudgeon. Coffee and cake were served to many guests who

The Navy Nurse Corps celebrated its 61st birthday Cdr. Ellen Graves, Head of NWC Nurses, and her

CORPS ESTABLISHED

signed to duties at the Naval Hospital, Washington, D.C.

During World War I, 1,835 Navy nurses served at

Air evacuation training was completed in 1943 by two Navy flight nurses for the first time. In 1944 the Naval School of Air Evacuation for Casualties was established to

In 1947 Public Law 36 made the Nurse Corps a full, permanent, commissioned staff corps of the U.S. Navy with Captain Nellie DeWitt as its first director.

Ridgecrest Hospital Holds Open House



CAOT AT AM LIN

Friday, May 16, 1969

HOSPITAL OPEN HOUSE-Brock H. Payne, Administrator of the Ridgecrest Community Hospital, views one of the exhibits that will be on display at the hospital's open house which is to be held this Sunday, May 18, from 1 to 5 p.m. in celebration of National Hospital Week.

IWV Telephone Service Planned To Expedite Crisis Situations

A telephone service which and assistance for the Help will provide immediate aid for Line project, as have Chaplain people in crisis situations, call- Harold MacNeill and ministers ed "Help Line," is being or- of many Ridgecrest churches. ganized locally by a number Representatives of the Desert of interested groups and in-

has been set for Thursday, May 22, 7:30 p.m., at the Desert Park School auditorium. The group will elect a governing board, take necessary steps for incorporation, and discuss the goals and scope of the program that night. Persons interested in learncome to attend the meeting.

mand has offered its support case.

Master Chief Gunner's Mate

Jack Duncan, Advanced Pay

Grades Program recruiter for

Kern and Inyo Counties will

be at the next drill of the

unit on Armed Forces Day.

China Lake Seabee Reserve

Duncan wants to talk to all

mem who might be interested

in joining the Seabee Reserve

The Seabee Reserves offers

pay, promotion, training, re-

tirement, and a chance to ser-

ve our country on a part time

basis, according to Duncan.

Program.

lief Society of American Red An organizational meeting Cross also have been active in organization of the service.

When final operational details have been worked out, Help Line telephones will be manned at least 12 hours daily by a staff of trained volunteers. Any person with an emergency problem may call ing about the project are wel- and immediately will be referred to that local agency best Naval Weapons Center Com- equipped to handle his specific

ment is 45 and ratings of E-4

of satisfactory service and at-

Weapons Center, from Noon

to 3 p.m. on Saturday, May 17

and from 10 a.m. to 1 p.m.

Duncan will be at the

tainment of age 60.

Seabee Recruiter Here Saturday

Only veterans or men over on Sunday, May 18. He invites

draft age are eligible for all interested men to discuss

membership in the Seabee Re- this opportunity with him

serve. Maximun age for enlist- without obligation.

tion workers.

Burroughs Pep Club To Sell **Show Tickets**

vited to attend.

The Burroughs High School Pep Club will be selling tickets to the Miss Ridgecrest-China Lake Pageant on Friday in front of the Shopping Bag and at the K&R Market, Champs Market, the Ridgecrest Variety Store, and the Bank of America in Ridge-

Pageant tickets are priced at \$1.50 for adults and \$1 for students and military personnel. The pageant will be staged at 8 p.m. Saturday, May 24, in the Center Theater.

On Saturday, Armed Forces and E-5 are offered to equip-Day, the Pep Club will be sellment operators, carpenters, ing pageant tickets at the plasterers, cement workers, Kiawanis breakfast, 7:30 to mechanics, and other construc-9:30 a.m., at the Community Center, and also at the Naval All prior active service Air Facility, the Michelson counts toward a handsome Lab entrance, and Schoeffel retirement from the Reserve upon completion of 20 years

Blocks of tickets for groups may be obtained by calling the High School, 375-4476, and the Pep Club will deliver the Hut, 207 Blandy Ave., Naval

> A husband and wife went for a drive. She said: "Be an angel and let me drive." He did.

NWC Milestones, Achievements

(Continued from Page 5)

1962 Five hundred Capehart housing units completed.

First successful flight test of a hybrid propulsion system

1963 President John F. Kennedy, accompanied by other high officials, visited the Center to witness a Navy weapons

First successful firing of a SUBROC (submarine rocket) flight test vehicle from a submarine off San Clemente

Completion of microwave link between Skytop test facility and the IBM 7090 computer in the Michelson

1964 Independent Exploratory Development program estab-

YFU-53 recovery vessel used in recovery of SUBROC from the sea at depth of 2,500 feet.

Shrike Navy Technical Evaluation and Operational Evaluation tests successfully completed. Sidewinder 1C introduced into the Fleet.

1965 First Shrike AGM-45A-1 missiles delivered to Fleet.

Deep Jeep descent to 2,010 feet, deepest dive made to date by American-built manned submersible.

New range-control system operational on guided missile range. UNIVAC 1218 computer accepts radar and electronic trajectory information to drive plotting boards and theodolite target acquisition systems.

Composite Propellant Facility of China Lake Propulsion Laboratories completed.

1966 In Navy Department reorganization the Center became an activity of the Naval Material Command, reporting directly to the Chief of Naval Material.

CURV (cable-controlled underwater research vehicle) played key role in recovering the hydrogen bomb lost

off Palomares, Spain. CP-741/A weapon released computer installed in some Fleet squadron aircraft.

Warhead Research and Development Laboratory com-

1967 NOTS China Lake and the Pasadena Annex separated; and the China Lake activity and the Naval Ordnance Laboratory, Corona, merged to become the Naval Weapons Center.

NOTS Pasadena and certain NELC groups became the Naval Undersea Warfare Center.

Walleye introduced into the Fleet.

VLAP, the Vietnam Laboratory Assistance Program, given major support.

UNIVAC 1108 computer and four remote batch processing terminals installed.

1968 Rockeye II Operational Evaluation for A-4 aircraft.

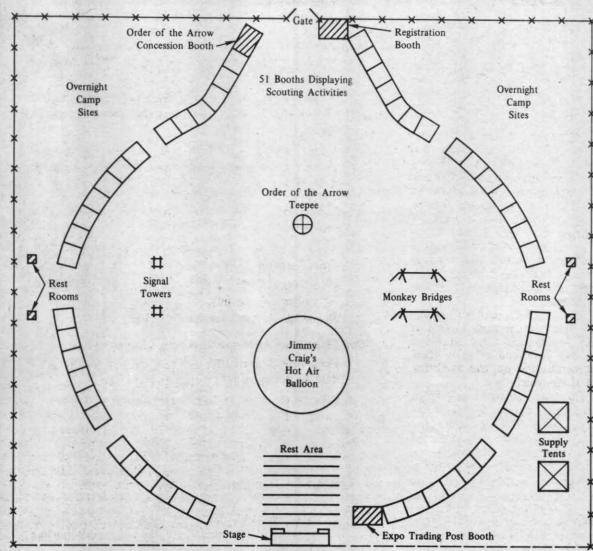
BOMROC Mk 50 Mod 0 released to limited production as part of accelerated Southeast Asia support program.



MISS U.S.M.C. INTRODUCED—Debi Huntley (r), a senior at Burroughs High School, was recently introduced as Miss U.S. Marine Corps by Col. K. P. Rice (I), Marine Corp Liason Officer to NWC. Afterwards, she was conducted on a tour of Michelson Laboratory and the Naval Air Facility by Gunnery Sargeant Schroyer and Staff Sargeant J. W. Willoughby. Miss Huntley will represent the Marine Corps in the Miss Ridgecrest-China Lake Pageant to be held at the NWC Theater on May 23.

Boy Scouts Plan Exposition At Schoeffel Field

1969 DESERT DISTRICT BOY SCOUT EXPOSITION SCHOEFFEL FIELD . MAY 17 . 2 PM - 6 PM





Southern Sierra Council, Desert District Scout Exposition, NWC Schoeffel Field

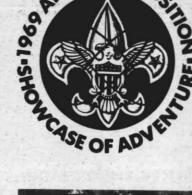
> **Opening Ceremonies** May 17, 1969

Larry Haack, Troop 291 Bugle Call

minimum or omephani	Gordon Shumway
the training of the sale of the sale of	District Committee Chairman
Invocation Fa	ther Aguinas J. Smith, All Faith
	Chapel, Naval Weapons Center
Introduction to Pledge of Alleg	iance Gordon Shumway
Pledge of Allegiance	Billy Charter, Pack 412
Welcome	Gordon Shumway
Remarks	. Captain Robert Williamson, II,
	NWC Executive Officer

6:00 P.M.

Master of Cerem	onies — Gordon Shumway
Opening	Order of the Arrow Gordon Shumway
	District Committee Chairman lors
Describing of New World	District Commissioner
Recognition of New Eagle	Scouts Since
Last Exposition	Scouts Since Howard Allen District Scout Executive Mike Muffley Neighborhood Commissioner
webelos Graduation	Mike Muffley
Star Scout Awarus	Kenneth Ousley of Commissioned, District Committee
Life Scout Awards	Judge "Tommy" Thompson
44.77	Justice Court, IWV Judicial District LTJG James E. Terrell, USNR Scout Liaison Officer, NWC, and ward Allen(District Scout Executive
God and Country Awards	
Past Year	
assisted by	Ribbons Jim Upson Charles Berteaux. Charles Bridges
Special Presentations	Asst. District Commissioners Gordon Shumway Order of the Arrow



"Showcase Of Adventure" Told With Scout Skits, Balloon Ascent

pected to attend the Boy Scout Exposition, "1969 Apollo Exposition, Showcase of 'adventure," to be held at Schoeffel Field on Armed Forces

Approximately 50 Scout troops and packs with descend on Schoeffel Field early Saturday morning in preparation for the Exposition which will begin at 2 p.m. and will continue until 6 that evening. Balloon Ascent

The most eye-catching portion of the Exposition will be a large hot air balloon located near the center of the grounds which is being made available for the day by Jimmy Craig, former World Champion hotair balloonist.

Towers and monkey bridges will also be a part of the central display with the final item being the Order of the Arrow's teepee.

Boothes assembled and manned by the Scouts will cover many different facets of Scouting experience. A few examples of the areas which will be covered are Nature, First Aid, Cooking, Fire-building and Electronics.

A Scout "show" will begin at 4 p.m. and will cover a ment will consist of a unicycle act and a trampoline demondian dances may also be per-

patrols will be in process dur- later attend. ing most of the afternoon and skits are being planned by

The grand finale of this year's exposition will be a Court of Honor at which all Scouts who have received ley United Fund and the supthe rank of Star or higher port of sustaining members of will be recognized. The flag the Scout Council.

Boy Scout troops from Kern-ville, North Edwards, Lake District will be displayed and Isabella, Boron, Trona, Ridge the Order of the Arrow will crest and China Lake are ex- perform the official opening

In addition to Star, Life and Eagle awards, Cub Scouts who qualify will be "graduated" into the Boy Scouts and all Eagle Scouts present will be recognized. Ribbons will be awarded to the troops who turn in an excellent performance at the Exposition.

Chairman of this year's exposition is Lt. (ig) James Terrell. He is supported by Jim Stevens and Jim Fath, both vice-chairmen.

Admission is \$1 for adults, with children under 12 admitted free of charge when accompanied by an adult. Tickets have been on sale since April 26 and may be purchased from any Cub Scout, Boy Scout or Exlorer. Tickets will also be on sale at Schoeffel Field.

Thirty per cent of the money taken in through ticket sales will be returned to the troops. Troops participating in the Exposition will earn a 5 per cent bonus. Troops and packs can then use this income to purchase equipment or pay for activitites.

The rest of the ticket sales money is used to offset the number of activities. Entertain- cost of putting on the showprinting tickets, materials used, etc. If there is any prostration by Pat Smith and In- fit above all this, it will be used to improve equipment and facilities of the summer Competition events between camp which the boys will

None of the money is used for the operating expenses of the Southern Sierra Council. This cost has already been provided for through such efforts as the Indian Wells Val-



BOY SCOUTS OF Troop 35, sponsored by the Machinist Union, pose in front of their Camper Tent in Schoeffel Field in anticipation of the "1969 Apollo Exposition, Showcase for Adventure" which will be held at Schoeffel Field on Armed Forces Day. The

Exposition will commence at 2 p.m. and will end at 6 p.m., to be followed by a Court of Honor at 6. In the photo above are, left to right, Robert Borges, John Pracchia, Phil Boguchwal, Gregg West and Jeff Welsh. All residents of the valley are invited to attend.

NWC Mission & Philosophy

Center Unique In Management And Approach

Friday, May 16, 1969

In order that the visitor may appreciate a visit to the Naval Weapons Center more fully, it is necessary to explain the nature and scope of the uniqueness of the Naval Weapons

Recently, the Center celebrated 25 years of direct involvement in the business of Research and Development activities that have led to a significant list of achievements and milestones (See "NWC Milestones," this page).

Through the years, this effort has resulted in many dynamic contributions to the defense posture of the country and, indeed, to the entire international scientific commun-

The Naval Weapons Center (known as the Naval Ordnance Test Station from 1943 to 1967) has two missions - a continuous, broad mission that describes its goals and capabilities in general terms (see below), and a changing mission that describes what the Center is doing at present and what it hopes to accomplish in the fu-

The fixed mission is to provide new and improved weapons for the Fleet so that it can better meet its responsibilities.

The Center's capabilities to do this cover a broad spectrum from research through weapon development to test and evaluation, assistance to industry in production, and assistance to the Fleet in training and

The Navy, however, operfunctions change, and conse- of the Center's technical proquently the Center's working grams, assisted by the Deputy missions must be readily adjustable to new needs. Over the years since the establishment of NOTS in 1943, these work- ecutive Officer at China Lake ing missions have changed and the Commanding Officer.

a unique broad concept of R ter's technical programs. and D management (aboard a As a permanent naval activ-

of science and technology.

mited-warfare weapons.



CAPT. M. R. ETHERIDGE **NWC Commander**

Engineer and the military training and experience of the fleet-oriented naval officer.

The net result of such teamwork has been an approach that starts with a concept that includes applied theory and practical knowledge.

The basic organizational structure of the Center has been shaped by the expanding technical programs and by the perspective gained from the experience of over 25 years of trial and error. Details have changed, but the broad concept of military-civilian teamwork in the technical and administrative areas of responsibility has served the Center well up to the present time.

In its twenty-sixth year, the Center's management team includes the Center Commander, a senior naval officer, who has primary responsibility for the operation of the entire Center; the Technical Director, the Deputy Technical Director, the Executive Officer, and the Commanding Officer of the NWC Corona Laboratories.

The Technical Director is responsible to the Commander ates in a changing world - its for the planning and execution Technical Director, in direct supervision of the respective technical departments. The Ex-Corona Laboratories, coordin-The successful record of ate the work of the supportthe Center has been based on ing departments with the Cen-

military installation) that uti- ity under the military control lizes a combination of the cre- of the Commandant, Eleventh ativity and education of the Naval District, San Diego, the university trained Scientist or center has been operating un-

Center Mission

The Naval Weapons Center is a major laboratory of the

Chief of Naval Material. Its formal mission is to conduct a

program of warfare analysis, research, development, test,

evaluation, systems integration, and Fleet engineering

support in naval weapon systems, principally for air

warfare, and to conduct investigations into related fields

Established in 1943, the Center was known as the Naval

Ordnance Test Station until July 1967. Over the years, the

Center has applied its scientific creativity and engineering

skills in the fields of rockets, guided missiles, under-

water ordnance, aircraft fire-control systems, and

Present Center assignments include analytical and

experimental derivation of advanced concepts for total

system development projects as well as other facets

of research and technology. Also, the Center provides

engineering services required for successful production

of new systems and their introduction into the fleet.

weapon systems and the technical management of major



DR. T. S. AMLIE **NWC Technical Director** der the management and technical control of the Chief of Naval Material since 1966.

For its accomplishments in Weaponry, the Center has received world-wide recognition. Each year it is host to a number of distinguished visitors from high military and scientific circles of the United States and foreign countries. In addition, Center personnel represent the Navy in national and international scientific conferences and are recognized as authorities in their respective fields.

The genius of NWC has been from the first the quality of its people and the climate of innovation and freedom for independent research fostered by the Center's philosophy of

The achievements of NWC men and women who have merited special recognition span the total spectrum of Center programs - from time and cost savings and safety improvements to major contributions in weapon concepts and

Center - sponsored day classes and management seminars have led to opportunities for professional development; and undergraduate and graduate courses leading to degrees in the physical sciences, engineering, or public administration have been offered regularly at the Center.

The China Lake community, an experiment in desert living, has played a large part in the history of the technical experiment it was built to support. Since the community is own-

ed by the Navy and is built on government property, it is operated under the command of the Center Commander, who is responsible for the welfare of its 12,000 residents. The military - civilian part-

nership operates at the community level, too, with the administration of housing and other community operations through the civilian Community Relations Office and with full participation of the residents in community affairs.

It is difficult to predict what the Center's future specific working mission will be. but the facilities and capabilities which it now has available allow a wide range of possibilities for consideration.

And, in adjusting its changing mission to meet new situations, the Center recognizes that there may not yet be a clear understanding of what is to be accomplished through limited military operations.

Nevertheless, the Naval Weapons Center is ready and capable of accepting its part of the challenges of the future, regardless of their scope.

NWC Milestones Listed

1943 Station established by order of Secretary of the Navy

1944 Operations begun at C-range on air-to-ground firings. Opening of temporary G-1 and G-2 ranges.

Construction begun on permanent Station facilities. Opening of B-1 and B-2 ranges.

Operations begun at China Lake Pilot Plant.

1945 Opening of K-2 range.

Transfer of operations from California Institute of Technology to Station personnel.

Opening of LB range.

Work on explosives begun at Salt Wells Pilot Plant.

1946 Dedication of Armitage Field at the Naval Air Facility.

1947 Opening of B-4 range

1948 Dedication of Michelson Laboratory Dedication of the Variable-Angle Launcher at Morris

1950 First antitank aircraft rockets of project RAM shipped to Korea.

1951 Opening of T-range. Opening of K-3 range.

1952 Aircraft Fire Control System Mk 16 released to the

Opening of Randsburg Wash Test Activities.

The 2.75-inch FFAR (Mighty Mouse) declared opera-

1953 Opening of SNORT.

1954 Opening of G-4 range

1955 Opening of permanent G-1 and G-2 ranges.

1956 The Sidewinder guided missile system declared opera-

1957 Development completed of the Zuni 5.0-inch rocket. Dedication of the new All Faith Chapel.

1958 The RAT antisubmarine weapon system declared opera-

1959 Development completed of the variable-thrust rocket The Skyline facility completed at China Lake Propulsion

Laboratories. Development completed of the Terasca high-altitude re-

Zuni rocket put into mass production.

Polaris static-test facility, Skytop, completed at China Lake Propulsion Laboratories.

RAPEC released to the Fleet.

Management control and direction of the Center transferred from the Bureau of Ordnance to the newly established Bureau of Naval Weapons.

1960 Hangar No. 3 completed at the Naval Air Facility.

BuWeps and OpTEvFor evaluations of ASROC successfully completed, and four ships equipped with the system introduced into Fleet service.

First successful Polaris firing after underwater launching.

1961 The Propulsion Applied Research Laboratory, first of its type in the nation, established.

Administrative command of San Clemente Island as-

Sixteen Cyclops silver iodide generators dropped into Hurricane Esther, destroying one-third of the cloud wall. Dedication of Skytop II, one of the Navy's largest vertical rocket test facilities.

Continued on Page 9)



SEARCH and RESCUE

China Lake Celebration Features Airpower Display, Exhibits

Naval Air Facility Finalizes Plans for Gigantic Air Display

pared many interesting and in- get zone. formative events and displays Antique aircraft, in contrast

ipate in a "fly-by" in which before some of the sleek aircraft will pass by were even born.

the reviewing stand in a show of air power. An explosive aerial weapons ed utilizing rockets and bombs

developed here at the Naval Weapons Center. A World be guests of NAF to watch the War II B-29 bomber will be Air Demonstration. used as a target for these modern weapons. In past Armed Forces Day events, this event has been one of the most popular of all the displays.

copter rescue will be executed Freedom. just a few feet from spectators at Armitage Field. Gliders. soaring aloft on silent wings, will perform several interesting maneuvers for the enjoyment of Armed Forces Day

The China Lake Sky Divers

For the 19th consecutive Club will exhibit their skills year the gates of the Naval as they jump from two differ-Air Facility will open to admit ent aircraft, performing free the public on Armed Forces falls and tumbling maneuvers Day, tomorrow, beginning at while dropping through space, 9:30 a.m. Cdr. Charles G. and waiting until the last final Wack, coordinator for the moment before popping their event, and his staff, have pre- 'chutes and landing in a tar-

of the mighty Naval Air Arm. to today's modern military The Open House at NAF is warplanes, will also be on disscheduled to run from 9:30 to play at Armitage Field. These ancient "aeroplanes" conquer-A-4 Skyhawks, F8 Crusaders ed the heavens under the and F-4 Phantoms will partic- first "knights of the air," long before some of today's pilots

Also for viewing enjoyment will be the young ladies en-tered in the Ridgecrest-China demonstration will be execut- Lake Beauty Pageant, scheduled to take place May 24. These young contestants will

All residents of Indian Wells Valley and surrounding communities are cordially invited to take part in this 19th celebration of Armed Forces Day, A dramatic simulated heli- honoring our "Forces For





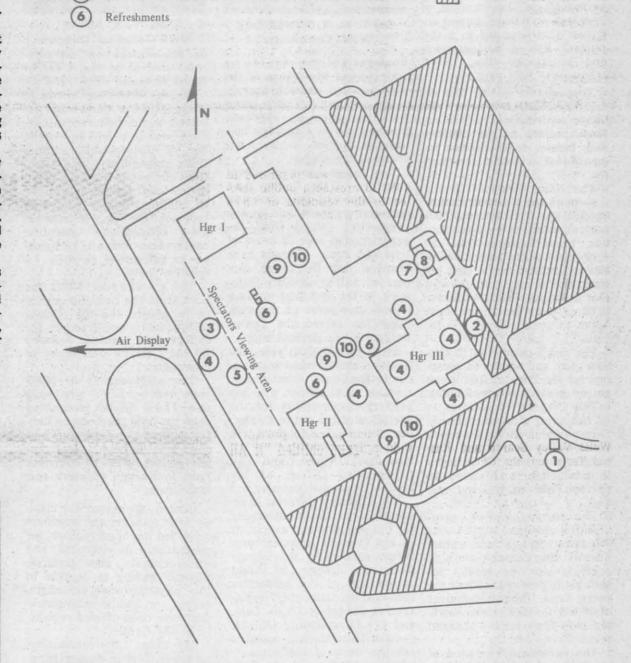
MISS NAF-Cherie Kohlenberg, Miss NAF, is escorted by Lt. (jg) R. A. Williams during Personnel Inspection held recently at NAF Hangar 3. Miss Kohlenberg is representing NAF in the Miss Ridgecrest-China Lake Pageant to be held at the NWC Theater on May 23. She will be introduced to the crowds at NAF by NAF Commanding Officer, Captain Dewing during opening ceremonies at that facility on Armed Forces Day.

WELCOME TO THE NAVAL AIR FACILITY . CHINA LAKE, CALIF

ROCKETEER

(5) Speakers Platform

(7) Bus Stop (8) First Aid VIP Parking VIP Seating (4) Static Display





THE TOP FOUR — The senior enlisted men of all four branches of the military look at a portrait of the Master Chief Petty Officer of the Navy, Master Chief Gunner's Mate Delbert D. Black, which was unveiled at a luncheon recently in Washington, D.C. left to right are Sergeant Major of the Marine Corps, H. J. Sweet, Sergeant Major of

the Army George W. Dunaway, Chief Master Sergeant of the Air Force P. W. Airey and Master Chief Petty Officer of the Navy Black. The portrait, painted by Seaman Orlando S. Lagman, was unveiled by Rear Admiral Donald G. Irvine, Commandant of the Naval District, Washington, D.C., at an affair held at the area CPO Club.

Safety Department Program To Include Fire and Rescue Exhibits

The NWC Safety Depart- Search and Rescue Team ment, located at North Hussey Road, near Nimitz Avenue, east of the Center Dispensary, is present a demonstration of planning a variety of safety demonstrations during the Open House celebration on Arm- intervals throughout the day

Visitors will have an opportunity to try out the Drive-

Also on display will be an material and safety equipment that is issued for the protection of military and civilian personnel who do hazardous work on the Center.

In addition, a Geiger counter will be available in this area. Visitors who have rock wish to have tested for radioactivity are invited to use this equipment. A member of the Safety Department will be on hand to show visitors how to

As an extra feature, the Safety Department will award four pairs of safety shoes as door prizes. The winners need not be present at the drawing

cue Team and the China Lake ment with programs on Armed Forces Day.

The NWC Fire Department will present, for the first time, "The House of Hazards."

model of a completely furnished home that has been built of transparent lucite. The model has been fashioned in such be started and which will al- by European Rescue Teams. low the viewer to observe how home fires can start and

occur and will provide inter- Nevada. esting and meaningful infor- The Safety Department re-

uled for 12 noon and will be ing, and refreshments will be repeated until 4 p.m.

FIRE DEPARTMENT DISPLAY—Shown above is a scale model of a home which will be used by the Fire Department to point out fire hazards in residences. Fire Department personnel will describe the events as they occur within the home and will give fire safety tips to viewers. The first showing is scheduled for 12 noon and will be repeated throughout the day until 4 p.m. The demonstrations will take place in the Safety Department building located on North Hussey Road.

The Indian Wells Valley Search and Rescue Team will Mine and Surface search and rescue techniques at scheduled at the Safety Department office. These demonstrations will include the demonstration of trainer simulator cars that are various equipment used by the used in the driver education team during an actual rescue classes, and to check their of a victim from a mine as driving skill with the experts. well as the other equipment used during a surface search interesting variety of safety for a lost person or a downed aircraft. Also planned for the program is a color slide presentation of actual rescues.

> The Team was organized in 1962 to provide a public service to the residents of this valley. To date these services have involved the team in over

The IWV Search and Rescue Team is composed of 24 volunteer members who also serve as the IWV Civil Defense Shelter Recovery Team, which functions as an assist agency for the help and protection of persons in this area involved in the utilization of local fall-

Mountain Rescue Group

In the same general area, the China Lake Mountain Res-The Fire Division, Indian cue Group plans to present a Wells Valley Search and Res- slide program entitled "It All Mountain Rescue Group will prepared and narrated by the also join the Safety Depart- members of that organization.

The "House of Hazards" is a gether on weekends in the beautifully constructed scale nearby Sierras, have been ing with techniques of rescue dying the rescue techniques a way that simulated fires can brought into the United States

Since its inception, the China Lake Mountain Rescue Group has participated in 40 Fire Department personnel rescue operations, including will describe the events as they some in Baja, California and in

mation on good fire preven- minds Armed Forces Day visitors that busses will stop at The first showing is sched- the Safety Department Buildserved to all who come.

> Holography Display. Also in the Conference Rooms will be a "Visual Voice" Display, a voice recorder which mote Console.

visitors can see the Head-Cou-

pled TV, a device which oper-

ates as an extension of man's

senses; an Integrated Circuit

Display; a Target Acquisition

and Replay Pod; an Ultra wide

angle viewing system, and a

ed volunteers of the Indian Wells Valley

Mine and Surface Rescue Team will parti-

cipate in Armed Forces Day activities at

Located in the hallway of Wing 1 will be a Photography Exhibit.

In the outdoor area adjacent to Wing 1, an M-45 Mount with a TV camera system will be dis-

Many items will be on dis- played for the benefit of visit- enjoy the finest collection of play in Michelson Laboratory ors, in addition to a Bowen artifacts anywhere in the world C and D in the Lab and the test schedules). Also, a SNORT

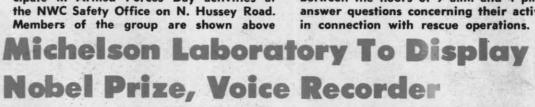
In the Conference Rooms, In addition, the analog computer in Room 1016 will also

The Telemetry Branch of the duct Design Division is presenting a Telemetry and Instru- to the Naval Academy at Anmentation Exhibit

current and future Telemetry Hall. and Instrumentation systems and components used by Army, shows viewers their voice pat- Navy and Air Force developterns on an oscilloscope; and a ment programs. The Telemetry Computer Time Sharing Re- Branch will also demonstrate a new technique in recording and playing back of correlated telemetry and television information on the same tape record-

> Michelson Exhibit Visitors should also plan to

a litter. Experienced members of the IWV Search and Rescue Team will be on hand between the hours of 9 a.m. and 4 p.m. to answer questions concerning their activities



for the viewing public on Arm- CZR-1 mount, and a Mobile on the life and work of the faed Forces Day, beginning at camera mount with cinethodo- mous scientist for whom the 12:30 p.m. These exhibits will lite and astrodome, (which will Laboratory is named, A. A. Mibe in Conference Rooms A, B, be available contingent with chelson. Principal among these are outdoor area adjacent to Wing sled will be on display in this the Nobel diploma and 16 of the medals that he received for

his contributions to international science. be on display. Facsimiles of these awards Engineering Department's Pro- and other genuine articles were recently made available

napolis to be put on display in This branch will demonstrate the newly dedicated Michelson Michelson Laboratory will

close at 4 p.m.

The exhibits and displays in

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