

Bloodmobile Schedules Quarterly Visit to Elks Club Next Tuesday

An opportunity for all local residents between 18 and 65 years of age who are in good health to do a neighborly good turn will be provided next Tuesday afternoon when the Houchin Bloodmobile from Bakersfield will be at the Ridgcrest Elks Club, 201 E. Church St.

Armed Forces Day Movies To Be Shown

"Island Nation," a filmed report from Adm. E. R. Zumwalt, Chief of Naval Operations, heads the list of three movies to be shown at the Center Theater continuously tomorrow, from 9 a.m. to 4 p.m.

The film, which will be shown at 20 minutes past the hour, stresses the great importance of the Navy mission, through the CNO's own presentation, as well as in excerpts from talks by President Richard M. Nixon, Secretary of the Navy John H. Warner, and others.

The two other films to be shown are "Supersonic Laboratory," and "Evening Colors." "Supersonic Laboratory," which will be shown at 16 minutes before the hour, shows the use and purpose of some of the test tracks at NWC, often called "outdoor laboratories." Included in the film are many exciting scenes of actual test firings on the SNORT track.

"Evening Colors," to be shown every hour on the hour, presents an overview of the mission and facilities of NWC. This is an excellent film, produced by the Technical Information Department, which is used primarily as a means of orientation for official visitors to the Center.

The last showing begins at 3 p.m. There is no admission charge.

chairman of the Indian Wells Valley Blood Bank, reported. Donors will be credited with giving a pint of blood, which can either be designated for a specific recipient or made available for use by anyone in time of need.

The Houchin Bloodmobile makes quarterly visits here to assist in replenishing the supply of whole blood credited to the Indian Wells Valley Blood Bank.

Members of Beta Sigma Phi sorority, who recently donated \$25 to help cover the expenses of operating the local blood bank, also will provide cookies that will be served with coffee or fruit juice to blood donors next Tuesday.

Others who are interested in supporting the IWV Blood Bank, but who for one reason or another are unable to give either blood or time, are invited to help with a small monetary donation. This money will be used to help cover such incidental blood bank expenses as those involved in providing refreshments for blood donors, for emergency telephone calls and for postage.

Such contributions — checks made payable to the IWV Blood Bank — can be mailed to Mrs. Read at 329 Balsam St., Ridgcrest. Further information can be obtained by calling Mrs. Read at 375-7215.



A DOLL WITH HER DOLLS — Heidi Love, daughter of Mr. and Mrs. Robert J. Love, who is a second grader at Ridgcrest Heights School, looks like one of the dolls in her collection which she displayed last weekend at the Youth Hobby Festival in the Community Center. The entry by Miss Love included 53 of her 77-doll collection. The Youth Hobby Festival was labeled a huge success by its sponsors, the Ridgcrest Kiwanis Club and NWC Special Services Division. More than 300 visitors viewed the numerous hobbies on display which ran the gamut from dolls, to coin collections, models, dressmaking exhibits, and arts and crafts.



SCHEDULE OF EVENTS

6 a.m. - 1:30 p.m.	Center Restaurant Open
6:30 a.m. - 4:30 p.m.	NWC Open House
7 a.m. - 11 a.m.	Kiwanis Pancake Breakfast, Community Center Parking Lot
8:30 a.m. - 4:30 p.m.	Maturango Museum and Weapon Exhibit Center Open
9 a.m. - 4:30 p.m.	All Faith Chapel Open
9 a.m. - 4 p.m.	Continuous 1-hour Films at Center Theater
9:30 a.m. - 2 p.m.	NAF Open to Visitors, Static Displays, Limited Flight Demonstration
9:30 a.m. - 2 p.m.	Michelson Laboratory Exhibits Open
12 Noon - 4:30 p.m.	Boy Scout Exposition at Schoeffel Field

SHOW BOAT

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
(PG) - ALL AGES ADMITTED
Parental Guidance Suggested
(R) - RESTRICTED
Under 17 requires accompanying Parent or Adult Guardian
CS - Cinemascope
STD - Standard Movie Screen
Regular starting time - 7:30 p.m.
Matinee - 1 p.m.

FRI. 18 MAY
"THE TRAIN ROBBERS" (CS 97 Min.)
John Wayne, Ann Margaret (Western) There's a half million in stolen gold stashed away in the Mexican wastes, and how's the poor widow going to smuggle it home past a horde of avaricious outlaws? If she's smart and shapely as Ann Margaret, she just might share her burdens with the Magnificent Seven rolled into one, John Wayne. The Duke and his sidekicks blast their way through the baddies and bring home the bacon, more or less. (PG)

TUES. & WED. 22-23 MAY
"DRACULA A.D. 1972" (STD 96 Min.)
Peter Cushing, Stephanie Beacham (Horror) The story involves the return of Dracula in 1972, a hundred years after his death, to seek revenge on the family of the Van Helsing's, who are now living in London. The plot takes on a modish look as Dracula and his servant, Johnny Alucard ("Dracula" spelled backwards), become involved with a group of swinging hippies. (PG)

THURS. & FRI. 24-25 MAY
"THE RED MANTLE" (CS 91 Min.)
Gitta Hainning, Oleg Vidov (Drama) This story deals with three sons of a king in Scandinavia. One king, peace loving ruler King Signor, wanted all men to live in harmony. His daughter (Signe) falls in love with Hackbart, one of the sons of the defeated king; but not without complications from another young man, who also is in love with her. (R)

SAT. 19 MAY
THERE WILL BE NO MATINEE TODAY - EVENING -
"THE HOUSE THAT DRIPPED BLOOD" (STD 101 Min.)
Peter Cushing, Christopher Lee (Horror) Inspector John Bennett, investigating the disappearance of actor Jon Pertwee, hears tales of a country house from Sgt. John Malcolm. (PG)

SUN. & MON. 20-21 MAY
"BLUEBEARD" (STD 117 Min.)
Richard Burton, Raquel Welch (Comedy-Drama) Baron Richard Burton, a Viennese nobleman who was a World War I air ace, loses his wife, Karin Schubert, in a hunting accident. Much later, he weds American dancer Joey Heatherton. He keeps his mother

Chaparral Club Seeks Members

Guest members are invited to join the 1st and 2nd Class Petty Officers' Club (the Chaparral Club).
Civil Service personnel who are in grades GS-1 through GS-8, or Wage Group Employees under the grade of supervisor, are eligible to become guest members of the Chaparral Club.
Come in and fill out an application. The club is located behind the NWC Auto Hobby Shop.

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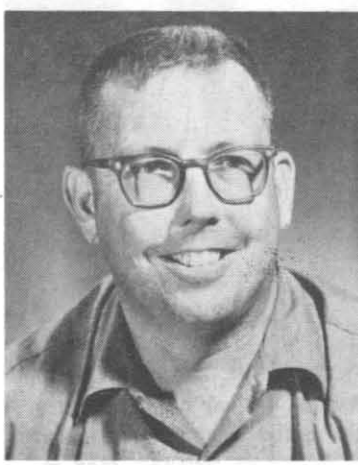
Armed Forces Day Fete Scheduled Saturday



WELCOME ABOARD — Susan Rungo, Miss Ridgcrest-China Lake, indicates the welcome mat will be out for visitors to the Naval Weapons Center during the open house scheduled in observance of Armed Forces Day on Saturday. Feature attractions will include displays and exhibits at the Naval Air Facility and Michelson Laboratory. Also open to visitors will be the Maturango Museum and Weapons Exhibit Center, while Schoeffel Field will be the setting for the annual Boy Scout Exposition staged by the Southern Sierra Council's Desert District. Gates to the Center will be open to the public tomorrow from 6:30 a.m. to 4:30 p.m. —Photo by PHAN Shellie Reed

Dr. Austin Invited to State Meeting on Energy Crisis

Dr. Carl Austin, a research geologist employed at the Naval Weapons Center, has been invited by California's Lt. Gov. Ed Reinecke to attend a meeting on Monday and Tuesday in Sacramento to discuss the energy crisis.



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Dr. Carl Austin, a research geologist employed at the Naval Weapons Center, has been invited by California's Lt. Gov. Ed Reinecke to attend a meeting on Monday and Tuesday in Sacramento to discuss the energy crisis. His work on geothermal activity

Annexation To Ridgcrest Gets Supervisors' OK

Population of the neighboring City of Ridgcrest will soon increase by an estimated 2,300 persons as the result of action taken this past Monday afternoon in Bakersfield by the Kern County Board of Supervisors.
By a vote of 3-0, with one member abstaining, the county supervisors approved the annexation to Ridgcrest of a portion of the Naval Weapons Center housing area that includes Desert Park, the Bennington Plaza commercial area, the Burroughs High School campus and the access road leading to the local high school.

A motion calling for favorable action on the annexation proposal was made by Supervisor LeRoy Jackson, local area representative on the Board of Supervisors, and also was supported by Supervisors David Head and Gene Young. Supervisor Vance Webb, of Taft, who had previously voiced op-

Displays of Weapons, Aircraft, Equipment To Be Open to Public

Armed Forces Day 1973 will be observed locally by a day-long open house tomorrow at the Naval Weapons Center, where static displays and exhibits focusing attention on the day-to-day activities of the Center will be featured, along with such special events as the Boy Scout Exposition at Schoeffel Field.

Gates of the Naval Weapons Center will be open to the public between the hours of 6:30 a.m. and 4:30 p.m., and visitors will be invited to look over numerous types of aircraft and ordnance that will be displayed in Hangar 3 at the Naval Air Facility, as well as exhibits related to research and development work in both the newly remodeled lobby and in Conference Room A of Michelson Laboratory.

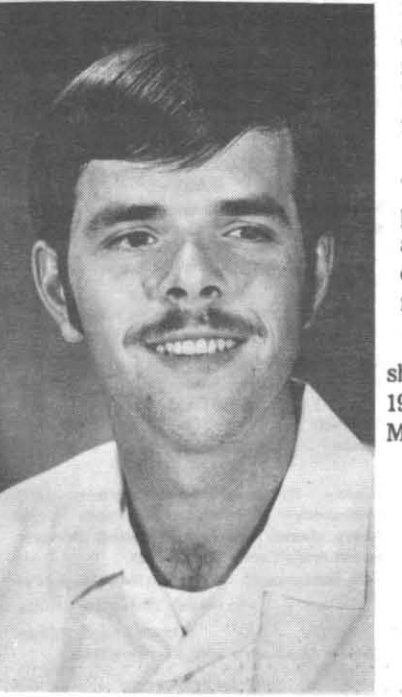
Visitors will be welcome at NAF and in Michelson Laboratory, the multi-million dollar complex which is the hub of the Center's research and development work, between the hours of 9:30 a.m. and 2 p.m., and other exhibits related to the history of the local area and that of the widely varied weapons program carried out at China Lake can be found at the Maturango Museum and the adjoining Weapon Exhibit Center, which will be open from 8:30 a.m. to 4:30 p.m.

For those interested in getting an early start on their sightseeing aboard the Naval Weapons Center, it will be possible to skip breakfast at home and instead join the holiday atmosphere of the Ridgcrest Kiwanis Club's annual pancake breakfast — an event that will be in progress from 7 to 11 a.m. on the east parking lot of the Community Center.

HM3 Smith Selected As 'Bluejacket of Month'

Hospitalman Third Class Richard W. Smith, an operating room technician assigned to the NWC Dispensary, has been selected as the "Bluejacket of the Month" for May.

Smith, a native of Glendale by way of Montreal, Can., was graduated from Los Angeles High School and entered the U. S. Navy



HM3 Smith
Smith met his wife shortly after she was assigned to NWC in March 1972. The couple was married in March of this year. Smith came to NWC in Sep- (Continued on Page 11)

Phone Numbers At NAF To Be Changed

Telephone numbers at Armitage Field (the Naval Air Facility), will be changed, effective May 21. This number change is necessary due to the installation of Autovon direct out-dial equipment. Directory assistance (113) will refer personnel to the new telephone numbers.

May 18, 1973

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Naval Weapons Center
China Lake
California

Vol. XXVIII No. 20



BOOST FOR HELP LINE — Earl Towson, treasurer for Help Line, was the recent recipient of a \$100 check that was presented by Mrs. E.M. Crow (center) and Mrs. T. C. Wimberly, co-chairmen of the Thrift Shop that is operated by the Women's Auxiliary of the Commissioned Officers' Mess. The money will be used to purchase directories, reference and training materials that are needed by Help Line volunteers to answer questions or make referrals in order to assist those requesting the aid of the local crisis intervention and information service. Help Line can be contacted by calling 446-5531 seven days a week between the hours of 6 p.m. and 6 a.m.

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 652, Extension 2049. 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.

Freight Rate Assistant, GS-2114, PD No. 825025 AMI, Code 2922 — Inspects material and goods received to determine the cause of and the responsibility for the loss or damage of goods; determines if damage is economically repairable; works with end users on rejected material and prepares reports of the findings. Responsible for receipt and accomplishment of government bills of lading and preparation of follow-up on correspondence. Verifies freight rates charged by carriers. Performs some routine clerical work for the Branch. Minimum Qualifications Requirements: As defined by CSC X-118 standards: One year of general clerical or office work plus one year of general traffic or transportation work which required application of practical knowledge in the use, operation, cost or regulation of transportation. Job Relevant Criteria: Experience demonstrating knowledge of how to accomplish Government Bills of Lading and the paperwork procedures involved in properly documenting transportation issues, damages and overages in shipments and some familiarity with verifying freight rates charged by carriers. Advancement Potential: GS-4 to GS-5.

Machine Operator, WG-3421-B, J.D. No. 264, Code 25913 — Operates machine tools such as lathes, milling machines, do-all saws, engraving machines, turret lathes, and grinding machine to machine metal and non-metallic parts; may operate machines of only one type. Makes adjustments of machine and all minor setups; does not make complex or difficult machine setups. Incident is also responsible for warehousing duties which consist of physical receipt, issue, and proper storage of bulk metal of all types. Minimum Qualification Requirements: Rating will be on the basis of existing time element standards in accordance with CSC X-118C. Applicants must submit a supplemental experience statement. Forms can be picked up in Room 202, Personnel Department. Job Relevant Criteria: Skill in more than one type of machinery; ability to work from shop orders, blueprints, and sketches. Hand-lifting of 50-75 lbs. required. Warehouseman experience: knowledge of warehousing techniques is highly desirable. Must be able to use precision measuring instruments, such as rules, micrometers, vernier, dial indicators and thread gauges.

File applications for the above with Claire Lewis, Bldg. 34, Rm. 202, PH. 2723. Electrical Helper, WG-2805-05, JD No. 144-1, Code 70431 — Assists journeyman in accomplishing work in industrial fields such as industrial wiring, trouble shooting and shop repair. Helps install electrical conduit used in wiring buildings. Incident will be participating in a Pre-Journeyman Development Program. Part of the required training includes studies conducted on the employee's own time. Minimum Qualification Requirements: Rating will be on the basis of the appropriate J-Element Standard in accordance with the CSC Handbook X-118C.

Plumber Helper, WG-4206-05, JD No. 92-2, Code 70421 — Assists journeyman in performing the less skilled duties of the trade such as cutting, bending, threading and caulking of all types of piping; keeps the journeyman supplied with tools and work materials, and engages in joint operations with journeyman as instructed. Performs the simpler elements of the trade alone, including use of journeyman tools and machines on limited tasks. Incident will be participating in a Pre-Journeyman Development Program. Part of the required training includes studies conducted on the employee's own time. Minimum Qualification Requirements: Rating will be on the basis of the appropriate J-Element Standard in accordance with the CSC Handbook X-118C.

Clerk (Typing), GS-301-3, PD No. 7070010-AMI, Code 704 — This position is in the Procurement Section, Maintenance-Utilities Division, Public Works Department. Incident provides general clerical and procurement assistance to the head, Procurement Section. Screens all bills of material and processes requests for surplus material. Incident calls urgent orders to Supply Department buyers and follows up on these requests. Minimum Qualification Requirements: One year of general experience as specified in the CSC Handbook X-118. Job Relevant Criteria: Must be able to type. Must be able to work on own with a minimum of supervision. Knowledge of NAVWPNSCEN INSTR. on procurement is desirable. Advancement Potential: to GS-4/5.

File applications for above with Carol Downard, Bldg. 34, Rm. 212, PH. 2721. Clerk-Typist, GS-323-3 or 4, PH. No. 7345058, (Continued on Page 9)

Message From CNO

Each year at this time our countrymen pause to recognize and honor those who are serving their country in the military uniforms of these United States. Each year, although the circumstances may be different, the message is the same: "Thank you, once again, for doing all you did to help keep our country free."

The cost of that freedom was considerable last year, for our families around the world. There never has been a time since World War II when we have had a more intense deployment schedule, when our young men have experienced longer periods away from home or when they have been more overworked than during the months before the Indochina cease fire took effect.

Yet, despite the hardship, despite the personal sacrifice involved, our loyal and dedicated people made it possible for our Naval forces to meet all their commitments and be where they were supposed to when and for as long as required.

As the all volunteer force becomes reality and lasting peace an attainable goal, I applaud all those who did so much to help make such progress possible. Let us now press on toward the challenges and opportunities which lie ahead.

Admiral E. R. Zumwalt, Jr. Chief of Naval Operations

City of Hope Spring Tour Brings Swarm of 'Cyclists

The roar of motorcycles will fill the air this weekend as the City of Hope Spring Tour rolls into town today.

The tour, which is sponsored by the Ridgecrest Chamber of Commerce and sanctioned by the Road Riders Committee, will gather at the Burroughs High School campus beginning today. All proceeds from this huge motorcycle jamboree will benefit the City of Hope Hospital in Duarte, a pilot medical center known primarily for its pioneering programs in major catastrophic diseases.

Cancer and leukemia, heart and respiratory afflictions, diabetes and other metabolic diseases disorders of the blood and heredity, and basic studies in genetics and the neurosciences are researched around the clock at City of Hope by a dedicated and learned staff.

During the three-day stay in Ridgecrest, motorcycle clubs from all over Southern California will compete in field events, bike judging, dress competition and other special categories. Entry is open to anyone who owns a 'cycle. Entry fees are \$4 for adults and \$2.50 for children (12 and under).

The registration of entrants will be held on Saturday from 8 a.m. to 5 p.m. Riders will camp either at the BHS campus or they may stay in

local motels.

A special breakfast is on tap tomorrow morning, at the Knights of Columbus Hall. It is open to the general public at a cost of \$1.25 per person.

Bikers will form up on China Lake Blvd. (the exact spot will be determined during the sign-in) at noon tomorrow for a parade through Ridgecrest. Featured during the procession will be the Victor McLaglen Drill Team, whose members will also perform on the BHS campus beginning at 1 p.m.

The field events will begin at Burroughs at 2 p.m.

Dinner will be served at the Ridgecrest Elks Lodge, 201 E. Church St., tomorrow evening, beginning at 5, for all those who are entered on the City of Hope Spring Tour.

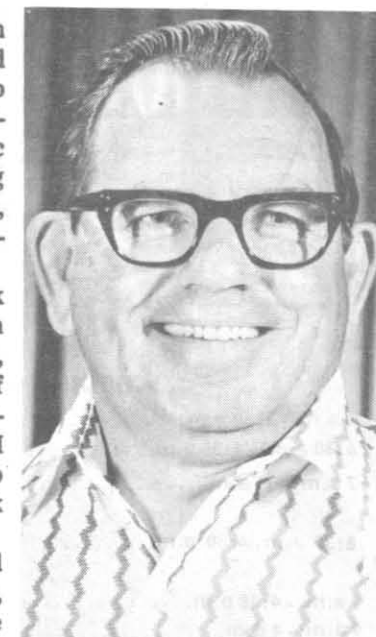
Bike judging and dress competition will be the order of the day on Sunday, beginning at 8 a.m. A dance will be held Saturday night at the Elks Lodge following the dinner. Music will be provided by Wayne Paisano and the Road Runners. A small donation will be asked for the dance, which begins at 9 p.m.

Persons who desire to donate to the City of Hope medical research program are asked to call Mr. or Mrs. Max Norris, 377-4147.



FOUR DECADES OF FEDERAL SERVICE — Rear Admiral Henry Suerstedt, Jr., NWC Commander, presented a 40-year, Federal Length of Service award to James W. Butler on Monday, May 14. Butler, a painter in the Building Trades Branch of the Public Works Department's Maintenance-Utilities Division, began his Federal service with the U.S. Army in June 1928. He retired as a Food Service Operations officer in April 1960. Following a two year employment with the NWC Navy Exchange, Butler re-entered Federal service in May 1963 at his present job. His wife, Emma, observed the ceremony. —Photo by PHAN Jerry Sizemore

Employee In The Spotlight



Richard D. Stokes

To most people, carnivals mean fun, excitement, bright lights and whirling amusement rides. To Dick Stokes, the Facilities Inventory Assistant of the Public Works Department's accounting staff, carnivals mean work, planning, coordinating, supervising and managing.

For the past three years, Dick has been chairman of the Indian Wells Valley Spring Festival, sponsored by the Knights of Columbus. "It seems to be a never-ending job, planning for the SJM Fiesta Show's annual visit to Ridgecrest every spring," Dick said.

Although this is the 13th annual Spring Festival held by the KofC, Dick has been involved in the last six. That's how long he's been a member of the KofC. "I came to China Lake the first time in August 1953 as an enlisted man in the U.S. Navy," Dick explained. "I never got interested in joining the Knights of Columbus until much later, after Margaret and I returned to the Valley," he added.

Dick, who was born in Columbus, Ohio, joined the Navy in 1950. He spent a year on the USS Glendale, a patrol frigate, in Southeast Asian waters and then was transferred to the USS John R. Craig, a destroyer homeported in San Diego. Following that tour of duty, he came to the Naval Ordnance Test Station (now NWC) and spent the remainder of his enlistment here.

"I was discharged Aug. 1, 1955, and went to work the same day in Warehouse 11 for the Supply Dept.," Dick said. Three weeks later, he and Margaret were married. She was a receptionist at the Public Works' Trouble Desk. In 1957, a minor catastrophe struck the Stokes family. Dick was caught in a Reduction In Force and he left the area to work in Los Angeles for the LADCO firm, as a warehouseman.

In March 1958, Dick received a phone call from Bill Giano asking if he wanted his old job back. "That was on a Friday," Dick said. "On Monday I was back at work at good old China Lake." Dick proved his worth. Four years from the time he was RIF'd, he was tapped to become head of the Supply Department's Inventory Division! In 1966 he switched over to the Data Processing Group and in 1968 became head of Stock Control for Aviation Supply at the Naval Air Facility. He assumed his present duties in 1969.

Along the way, Dick has been presented with four Sustained Superior Performance awards and one Outstanding rating. In addition, he has received two Beneficial Suggestion awards.

"We had three people running plant accounting when Dick took over," said Al Wacker, head of the Department Staff for Public Works. "Now, through his efforts, we have been able to cut this back to one and one-half people.

"Dick has many attributes. Chief among these is his enthusiasm, knowledge of his job, and his willingness to pitch in and get the job done," Wacker continued. "In addition, he has a tremendous ability to get along well with all levels, off-Center, on-Center and in

the department," Wacker concluded.

One date that stands out in Dick's unusual career is June 1967. "That's when I became a graduate of Burroughs High School," Dick smiled. Years earlier, Dick had graduated through the GED tests in the U.S. Navy, but he wanted a diploma. The only way he could get one was to attend night school at BHS. Dick's wife and three children attended the graduation ceremony.

The Stokes' two eldest children are getting close to their own high school graduation. Karen, 16, is a junior at Burroughs, and Richard, 15, is completing his sophomore year. The youngest, James, 11, is a sixth grader at St. Ann's School, where Margaret teaches the fourth grade.

Dick is a member of the St. Ann's School Parent-Teacher's Guild and served as that group's president last year. He was recently elected to the post of president for the St. Ann's school board, of which he also is a member.

In addition to working for the school and church, Dick served as Grand Knight for the Knights of Columbus in 1970-71. He also helped to form Cub Scout Pack 803 at St. Ann's School and through his sons has been active with Scouting.

One other organization for which Dick has put in a lot of work ("although not a lot this past year," he commented), is the Ridgecrest Improvement Committee. "Two years ago when we had that big clean up for which we won the award, I was in charge of the barbecue. We served 1,500 people and I was up all night cooking," Dick pointed out.

His only hobbies are working in the yard and garden. "I devote most of my time to KofC and St. Ann's," Dick says.

Assessments Due Following Death

Assessments are now due from members of the China Lake Mutual Aid Society and the Government Employees Benefit Association following the death of Robert Smith.

A former Police Division employee who had retired from Civil Service, Smith died on May 8 in Westbrook, Me.

CLMAS and GEBA members are reminded to contact the collector in their work area to pay this latest assessment.

Volunteer Workers Cited by Red Cross

Award presentations that culminated a busy year of activities highlighted last week's annual meeting of the Indian Wells Valley branch of the American Red Cross.

All told, Red Cross volunteers (102 in number) contributed 11,378½ hours of work during the past year—or the equivalent of 1,423 8-hour days.

Guest speaker on this occasion was Dr. Pierre St. Amand, a recent recipient of the Dr. L.T.E. Thompson Award, whose subject was earthquake preparedness.

Dr. St. Amand's talk was accompanied by numerous color film slides which he shot during an inspection of the damage caused by the devastating pre-Christmas earthquake that struck the South American city of Managua, Nicaragua.

James R. "Danny" Dandurand, chairman of the local Red Cross unit, presided at the meeting and presented certificates of appreciation to both Betty Sturman and Eleanor French.

Mrs. Sturman was singled out for this recognition for her service as chairman of the Hospital Volunteer Group, while the certificate presented to Mrs. French was for her many years of help with knitting and sewing work as a member of the Red Cross Production Unit.

Other certificates were prepared for Catherine F. Chenault and for Kay Smith, neither of whom was able to attend the meeting. Mrs. Chenault has been chairman of the Red Cross Casework Volunteer Group, while Mrs. Smith contributed significantly as both a casework volunteer and with the Production Unit.

The annual meeting also was the occasion for the announcement of service pin awards—topped by a 20-year pin for Mrs. Chenault. Others eligible for Red Cross service pins are Helka Peake, 10-year pin; Betty Sturman, Bernice Schafer, Ann Ruff, Hallie Murray, Doris Rickhoff and Mary Ward, 5-year pins; Judy Lind and Mary Atkinson, 4-year tabs; Karen Connelly and Ethel Kaufman, three years; Mary Jeffers, two years; and Mary Clinton and Judy Parmenter, one year. In addition, service pins also will go to two new casework volunteers, Suzanne



RED CROSS VOLUNTEERS HONORED — Certificates of appreciation for their outstanding service as members of the Indian Wells Valley branch of the American Red Cross were presented to Mrs. Betty Sturman (second from left) and Mrs. Eleanor French (third from left) during the annual meeting of the local Red Cross unit. Mrs. Sturman, chairman of the Hospital Volunteer Group, and Mrs. French, who was cited for her many years of service with the knitters and sewers group of the Production Unit, are flanked by Dave Richards (at left), Red Cross field director from Edwards Air Force Base, and James R. Dandurand, chairman of the IWV branch of the American Red Cross. —Photo by PHAN Jerry Sizemore

Fountain and Margaret Nielson. The Red Cross casework volunteers, under the chairmanship of Mrs. Chenault, handled a total of 343 military, 17 civilian and 21 veterans' cases that involved loans and grants in the amount of \$4,101. This past year, the 26 volunteers put in a total of 7,392 hours, including weekend duty.

Mrs. Sturman's hospital volunteers (24 in all) attended training courses to prepare them for work as dental assistants or in the pediatrics department of the NWC Dispensary, where they donated 1,594 hours during the past year.

Red Cross water safety activity was directed by Virginia Levensen. Seven volunteers worked a total of 130 hours presenting nine classes that resulted in 34 students being awarded junior and senior lifesaving certificates or certified for duty as lifeguards or instructors of swimming classes for adults.

During his talk about the damage and its causes he found following the Managua, Nicaragua, earthquake, Dr. St. Amand also focused attention on what he feels to be the strong possibility that the State of California is due for another earthquake of sizeable proportions.

The speaker urged that steps be taken now to prepare for such an eventuality in view of the fact that key routes to major cities for the distribution of power and water, as well as the transportation of the necessities of life, stand a good chance of being seriously disrupted by a strong earthquake in either the Los Angeles or San Francisco areas.



TO VISIT DISPENSARY — Brer Fox, Brer Bear and Mickey Mouse (l.-r.) will visit patients in the NWC Dispensary tomorrow at 2:30 p.m. The three Disneyland characters, created by the famous cartoonist, Walt Disney, will also visit patients at the Ridgecrest Community Hospital. They will be in Ridgecrest today and tomorrow to preside over a gigantic shopping center parking lot showing of recreational vehicles and retail goods at the Sierra Vista Shopping Center. Highlighting the affair will be free rides by the American Legion on their 40 and 8 train, a give-away of Disneyland coupon books, free souvenir rings from Disneyland and free ice cream cones.

Bluejacket...

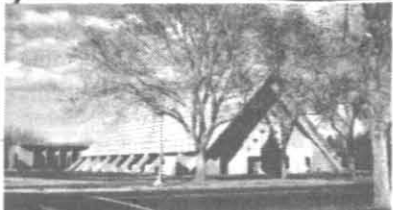
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tember 1970 from the Long Beach Naval Hospital, where he served as a ward corpsman. Prior to that he was stationed at the San Diego Naval Hospital, while attending Hospital Corpsman School.

Smith was to be discharged in June, but extended his tour of duty until December, when his wife also will be discharged. The couple plan to attend a school of veterinary medicine, probably in the Midwestern United States.

The Rocketeer

Official Weekly Publication Naval Weapons Center China Lake Lake, California RADM. Henry Suerstedt, Jr. NWC Commander Dr. W. B. LaBerge Acting Technical Director C. E. Van Hagen Head, Technical Information Department



DIVINE SERVICES

PROTESTANT 1015 Sunday Worship Service 0900 Sunday School—All Ages 1130 Wednesday Noon Bible Study 1130 Sunday School Classes are held in Chapel Annex 1, 2, 4 (Dorms 5, 6, 9) located opposite the Center Restaurant. Communion Service first Sunday of the month.

ROMAN CATHOLIC MASS 1700 fulfills Sunday obligation Sunday 0900 0830 1130

BLESSED SACRAMENT CHAPEL MASS 1135 Daily except Saturday 1135 1700 First Friday only CONFESSIONS 1545 to 1645 Saturday 0800 to 0825 Sunday

CCD CLASSES 1015 Sunday Kindergarten thru 6th grades 1900 Wednesday Seventh and 8th grades 1900 Above classes are held in Chapel Annexes across from Center Restaurant. As announced Ninth thru 12th grades "In Home" Discussion Groups Monthly Youth Rallies Contact Chaplain's Office for specifics.

JEWISH SERVICES EAST WIND—ALL FAITH CHAPEL Friday 1st and 3rd ONLY Sabbath Services 2000 Sabbath School 0900 UNITARIANS CHAPEL ANNEX 95 CHAPEL ANNEX 95 Services 1930



DEADLINES: Tuesday, 4:30 p.m. Photographs Tuesday, 11:30 a.m. The Rocketeer receives American Forces Press Service material. All are official U.S. Navy photos unless otherwise identified. Printed weekly with appropriate funds by a commercial firm in compliance with NavExOps PDS, revised July 1968. Office of Nimitz and Lauritzen. Information published in the Rocketeer does not necessarily reflect the official views of the Department of Defense. PH1 D. C. Manderschied, PH2 R. D. Cox, PH2 D. W. Yeatts, PH3 D. R. Fargue, PHAN Jerry Sizemore, ADJAN Bill Brooks, PHAN Shellee K. Reed, PHAN Joe Dunn Staff Photographers

3354, 3355, 2347



By Jack Lindsey

The defeat of Margaret Court by that ol' hustler, Bobby Riggs, in the celebrated tennis match played last Sunday, has opened up a whole new vista of boy vs. girl-type encounters.

Men everywhere can now throw down the gauntlet to women's libbers, expecting the femmes to respond in an effort to save face. I can picture some of the proposed matches:

Harry Guzzler, blowsy 58-year-old champion beer quaffer of Harry's Bar, has challenged Ernestine Equal to a two-set, best two out of three match beer drinking contest. Harry, the pre-competition favorite, has been releasing information to the press that the beer will be of Bavarian lineage and not the usual "3.2 swill."

Ernestine, who has tattoos on both forearms, has a record of drinking six truck drivers, four stevedores and one "Grandma's Pies" delivery man under the table in a single night going for her.

John "Gorilla" Gargantua has challenged the pride of her sex, Rosa "Bigfoot" Squashem, to a grape-crushing match. Special rules of the contest include: No leaning against the sides of the vat; no eating of the grapes; and no substitutions. Rosa, who stands 5 ft., 3 in. tall and weighs 216 lb., wears a size 11 shoe and is the pre-match favorite. However, it is rumored that Gargantua's pre-game plan includes using soft grapes and finesse, rather than speed.

Henry "Four Eyes" Heckler, of Plain City, will take on Agnes "Mother" Apparition in a best four-out-of-seven, "Daytime Soap Opera Viewing" contest. Henry, who says he has an advantage due to the special rules involved, has been watching soap operas on television for many years.

Some of the restrictions announced to the press include crying not allowed; no munching during commercials, and the viewer must sit no farther than 3 ft. from the set.

Agnes, who admits she gets involved in the shows, has been steeling herself for the match by watching children's daytime cartoons in an attempt to force herself to watch TV without really seeing it.

Patch for Bowlers

The President's Council on Physical Fitness and Sports will award a patch to kegglers who have bowled a minimum of 150 games in not less than 34 days.

Dean O. Ray, manager of Hall Lanes, and Fred Dalpiaz, owner of Ridgcrest Lanes, have the personal log books necessary for bowlers to qualify for the patch and pin.



SILVER MEDALLISTS—Laurie Baker (left) and Karen Newmeyer hold their second place trophies which they won in the Palmdale High School Grils' Invitational Tennis Tourney last weekend. The tournament was held between teams from Burroughs High School, Victor Valley HS, Barstow High, and Palmdale High. After receiving a bye in the opening matches, Misses Baker and Newmeyer defeated Kati Larnkjaer and Karen Phillips, of Victor Valley, and Ann Dwight and Lucille Telles, from Barstow, before finally falling victim to Cookie Baker and Linda Blech, of Victor Valley, in three sets.

NWC Varsity Softballers Whip Kernville in Warmup

By Leo Rickmers

Burt Andreasen went the distance to stop the Kernville softball team in the season opener for the NWC Varsity nine last Saturday at Reardon Field.

The locals won the opener, 3-1, and then took the nightcap of the doubleheader, 10-4, behind the

Desert Motors, TI Win Fast Pitch Games

The Fast Pitch Softball League kicked off the season with a pair of outstanding contests, featuring fine pitching and hitting.

In the inaugural outing, Desert Motors—behind Burt Andreasen's pitching—downed the Hideaway nine and pitcher Billy Brown, 7 to 3. Utilizing five hits to the hilt, Desert Motors scored four runs on three hits in the first inning to go ahead for good.

The game was clinched in the second stanza when Ralph Stalacker collected his second double in a row and was then brought home by Dave Taylor's home run.

For the Hideaway team, Jimmy Ayers went 2-for-3 at the plate and scored two of the team's three runs.

In the second game of the evening, the VX-5 Vampires and Texas Instruments staged a real hitter's battle with TI finally winning, 11-9. It was a see-saw battle all the way, with the lead changing hands at least twice.

The Vamps had a big inning in the third when they collected five runs on three hits, but that was later cancelled by a TI rally in the fourth inning that netted four runs on three hits.

George Barrett (2 for 5) and Dave Dembeck (2 for 4), were the big guns for the Vamps, while Tony Cuzzucoli (3 for 4) hit a home run for TI. In addition, Ron Shields, also of TI, had three hits in five trips to the plate.

pitching of Billy Brown and Al Olsen.

Andreasen gave up only two hits as he faced 75 men in the seven-inning game, striking out 11 opposing batters in picking up the win.

The second half of the twin bill was a hitters' melee as the NWC batsmen collected four home runs. Socking the long ball were John Martin, Mike Stoner, Mike Jones and Duke Martin.

The Brown-Olsen combination on the mound held Kernville to 4 runs on 8 scattered hits.

The real test of the NWC team will come tomorrow when they will face the softballers from Edwards Air Force Base at Reardon Field. Edwards, winners of the Mojave Desert Inter-Service League competition last year, will meet the local team in a pair of games, beginning at 6 p.m. Saturday.



VARITY TEAM HUSTLER—Larry Darnell is shown beating out a bunt during the game between the NWC Varsity Softball team and a fast-pitch squad from Kernville last Saturday afternoon. The action took place in the first half of a twin bill. China Lake won both games, 3-1 and 10-4. —Photo by Leo Rickmers

NWC Sports Notes

Carol Chatterton's Indian Wells Valley Swim Team deluged its opponents recently in a four-way swim meet at the Park Stockdale Pool in Bakersfield.

The local red-suiters racked up 231 points to finish 33 points ahead of their closest rival, the host team, which scored 198 tallies.

The Aqua Aces, of Bakersfield, were third with a total of 144 points and Wasco brought up the tail end with 114 markers.

Susan Goettig was the individual champion of the IWV team, garnering three first place ribbons, while Jenny Rungo swam off with two firsts and a second.

Car Rally Planned

The High Sierra Chapter of the Four-Cylinder Club of America will sponsor a Desperation 200, Monte Carlo-type rally on Saturday, June 2.

Registration and a driver's meeting will be held at 8 o'clock that morning in the Ridgcrest Plaza Shopping Center parking lot. Trophies will be awarded in both the expert and novice classes.

According to Rallymaster Marcel Martineau, a meeting explaining the art of rallying to all interested persons will be held on Friday, June 1, in the Joshua Room of the Community Center, beginning at 8 p.m.

An entry fee of \$4 per car will be charged. Further information can be obtained by calling Martineau at 446-3940.

Dodgers Lead League

The Dodgers held onto their half of the lead in the Major Division of the China Lake Little League following a 9-7 pasting of the Tigers and a 16-8 rout of the Giants this past week.

The Yankees, who are tied with the Dodgers at 5 wins and 1 loss, smeared the Tigers, 17-4, and edged the Pirates, 5-2, to record a pair of victories during Little League action.

Other games played and the results are:

Wednesday, May 9, the Red Sox were nipped by the Giants, 13-12, and on Monday, May 7, the Red Sox blasted the Pirates, 16-8.

Hatchetmen Win

The Hatchetmen won the Division A title in the NWC Intramural Volleyball League with a

14-1 season record, but the real fight came for second place.

On May 10, the Bouncers took all three games from the Yahoos to pick up the second place trophies in a do-or-die match. Needing all three games, the Bouncers' rose to the occasion. John Burmeister, Bill McBride and Chuck Jones led their team to victory.

The Hatchetmen sewed up the crown by clobbering the Loewen's Lions on May 9. The perennial champions dropped only three games and one match, setting an early season pace that made them all-but-impossible to catch.

Shop Remodeled

A complete remodeling of the Woodworking and Model Hobby Shop has recently been completed, due primarily to the efforts of former manager Rick Brodeur.

Brodeur enlisted the aid of master carpenter Don Morris and two helpers, Rusty Nelson and Glen Ellingson, and the four men rearranged the two shops and added some new equipment, expanding the existing stock in the model shop.

The work was performed at no cost to Special Services. Phil Kasimatis, the new manager, and Wes Johnson, supervisor of the wood shop, have issued a special invitation to all future users of the facility to show their appreciation to Brodeur by utilizing the shop and its equipment.

Moreno Pitches No-Hit Game

The ball diamond has changed and the league is different, but Jesse Moreno is up to his old tricks.

The sparkling fast southpaw started off his first appearance in the Indian Wells Valley Pony / Colt League with the Cubs the way he wound up his last appearance in the China Lake Little League—with a no-hit performance.

Moreno, who pitched four no-hitters last year, shut down the Braves' batsmen as he won his opener, 9-1, allowing a run to score when a batter that he had walked, stole home.

Backed by some adroit fielding and timely hitting, the Cubs kept the Braves' runners off base. Unfortunately, the Brave's efforts were marred by sloppy throwing errors as the Cubs scored six runs, clearing the bases twice when loaded, on throwing errors.

Season Begins In Minor Division

The Minor Division of the China Lake Little League began its season last Tuesday evening with a pair of games.

In the first contest, the Braves utilized 8 hits to the maximum to gather in 23 runs and rout the Athletics, 23-9.

Buddy Britton, the winning pitcher, threw no-hit ball for three innings before giving up a hit to Roger Moore, who eventually went 2 for 3.

Derek Christensen, of the Athletics, also had two hits for three times at bat, in a losing effort.

The Eagles edged the Cardinals, 13-11, in the nightcap behind the pitching of Robert Walters. Walters aided his own cause with a three-for-five night at the plate.

Nicky Fava was the losing pitcher.

Varied Displays Ready for Visitors...

(Continued from Page 1)

to prepare the Bearcat for its speed run over a measured 15-kilometer course will be William H. Hickle, the air racer's chief engineer, who is an employee in the Advanced Aircraft Systems Program Office of the NWC Weapons Development Department.

More than a dozen various kinds of military aircraft will be parked around the apron outside Hangar 3 at NAF where visitors can get a close look at them. Among this group will be the A-7 Corsair, the Navy's primary fighter aircraft in the Vietnam war, and the A-6 Intruder, which was used for such missions as the mining of Haiphong harbor.

Photos To Be Taken

In addition, an A-4 Skyhawk will be set up to allow youngsters to climb into the cockpit and have a color Polaroid photo taken for them to keep as a souvenir of their visit to the Naval Weapons Center on Armed Forces Day.

Inside Hangar 3, numerous displays will be arranged for the benefit of Armed Forces Day visitors. The NAF and VX-5 Ordnance Departments will have two aircraft loaded with 500 and 1,000 lb. bombs, 2.75 in. rockets, fire bombs and some air-to-air missiles.

There also will be a Weapons Development Department display featuring both Bulldog and Walleye missiles as they are mounted on an aircraft ready for use, and the NAF Targets Department will have a QF-9 drone equipped with TV guidance gear on exhibit.

Rescue Gear On Display

Rescue and survival equipment will comprise another display arranged by the men of the NAF parachute loft, and the China Lake Mountain Rescue Group will have a display of its own that will be set up alongside a helicopter of the kind used to pluck accident victims off mountain tops in the nearby Sierras.

The type of ordnance rounds and dispensers used in cloud seeding efforts will be included in an exhibit set up by personnel of the NWC Research Department's Earth and Planetary Sciences Division, and the special equipment its members use will be

displayed by members of the crash crew at NAF.

In addition, both Marine Corps and Navy recruiters will have a place set aside for them inside Hangar 3, where young men and women can learn about the opportunities available to them in either of these two branches of the service.

Refreshments will be available at three stands set up at the Naval Air Facility and at one outside the main entrance to Michelson Laboratory. These booths will be manned, as fund-raising activities, by the VX-5 Sea Cadet Squadron, the China Lake Little League, the Marine Corps League, and the Navy Wives Club.

Both the All Faith Chapel and the Center theater will be open Saturday from 9 a.m. to late afternoon. At the theater, a series of three films entitled "Evening Colors," "Island Nation" and "Supersonic Laboratory" will be shown starting on the hour, with the last complete presentation slated at 3 p.m.

Lab Lobby Remodeled

For the first time on Armed Forces Day, the public will have an opportunity to inspect the newly remodeled lobby of Michelson Laboratory. There, visitors will find permanent exhibits representative of various activities and facilities supporting the mission of the Center.

To the right upon entering the lobby from the vestibule is located an historically significant display devoted to Dr. Albert A. Michelson, a former Naval officer and Nobel prize winner in physics for whom the laboratory is named.

Along the south wall of the lobby of Michelson Laboratory is mounted a 70-ft. display of full-size, present-day weapons, such as the Sidewinder, Shrike, Walleye, Zuni and Agile missiles, that are exhibited against a background consisting of a silkscreened view of obsolete arms that go back over the years in American history.

Elsewhere in the lobby is an exhibit depicting the missions, aircraft and activities of the Naval Air Facility and Air Test and Evaluation Squadron Five (VX-5), as well as another display which features some dramatic results of NWC's technology and research. Adjoining the lobby, in Conference Room A, Armed Forces Day visitors will be invited to inspect other exhibits arranged by the Research Department, the Fuze Department and the Exhibits Branch of the Technical Information Department's Presentations Division.

Dan Bliss and Ruth Tetric, both chemical technicians in the Research Department, will be on hand to explain and answer questions about chemiluminescent products that will be on display.

Hologram To Be Shown

Another Research Department display, this one arranged by Wayne Tanaka, a physicist, will illustrate the three dimensional qualities of a hologram.

Included in the Fuze Department display will be a number of cut-away samples of fuzes, ranging from the proximity fuze for the old ZAP rocket to a portion of the fuze section of the Phoenix missile. Fuze Department employees present at this exhibit will distribute copies of a pamphlet containing information, in capsule form, about all of the Navy's operational missiles.

Also set up in Conference Room A at Michelson Laboratory will be a working demonstration of the Sidewinder missile showing the infra-red, heat-seeking capabilities of this weapon. This exhibit will be manned by Ray Sinnott and Ed Scullin of the Technical Information Department.

Party Slated For Ex-POW

A no-host party honoring Capt. and Mrs. Howie Rutledge will be held tonight from 6 to 8 o'clock at the Commissioned Officers' Mess.

The party has been arranged by friends who were acquainted with the Rutledges when the former prisoner of war was stationed at China Lake from August 1963 to March 1965.

Capt. Rutledge is visiting NWC today for an orientation and briefing on current Navy programs and projects.

A Navy pilot, he was shot down on Nov. 28, 1965, while flying an F-8 Crusader on a combat mission over North Vietnam.



PRESENTED NWC PLAQUE—Cdr. Robert Shumaker (right), who was a Prisoner of War for eight years, toured the Naval Weapons Center May 14-16 to receive briefings and an update on current Navy programs. While here, he was presented with a NWC plaque by Capt. D. W. Alderton, NWC's Deputy Commander. Cdr. Shumaker also appeared before members of the Bakersfield and Indian Wells Valley Navy League Councils as the guest speaker last Monday night. —Photo by PHAN J. R. Dunn

Former Prisoner of War Addresses Navy Leaguers

Cdr. Robert H. Shumaker, who spent eight years in the "Hanoi Hilton," as a prisoner of war, paid a visit to the Naval Weapons Center this week to act as a guest speaker for a special Navy League meeting, and receive briefings and be updated on Navy programs and projects.

The youthful-looking, 40-year-old pilot was shot down on Feb. 11, 1965, while on a combat mission over North Vietnam. He was incarcerated in a prison in Hanoi, which he named the "Hanoi Hilton." "I left a message for an incoming prisoner which read, 'Welcome to the Hanoi Hilton,'" Cdr. Shumaker told an audience of more than 100 members of the Bakersfield and Indian Wells Valley Navy League Councils in the plush surroundings of the Stallion Springs Lodge, near Tehachapi, last Monday evening. "The name stuck," he added.

After describing how he was shot down and captured, the ex-POW talked about his survival. "To weather a storm, you have to have faith and believe there is always a brighter tomorrow," he said. "We explored our lives until we got tired of ourselves," Cdr. Shumaker related, explaining how he and other POWs passed the time.

"You learn that you must depend upon other people. You realize we are all totally dependent upon others," Cdr. Shumaker elaborated. He stated that most of the POWs turned to God. "In prison, you find you just can't go it alone," he explained.

BBQ Planned For Military Men at NWC

The Chaparral Club will be the setting for a "Steak Out," sponsored by the NWC Food Service Division. Slated for military personnel only, and their wives or guests, the outdoor barbecue will be held on Friday, May 25, from 3 to 6 p.m.

Enlisted personnel on Comrats will be asked to pay 70 cents. The fee for wives or guests is 85 cents per person, and children under 12 must pay 45 cents. The menu will consist of charcoal-broiled New York strip steak, baked Idaho potato (with sour cream and chives), tossed green salad, blue cheese or thousand island dressings, and ice cold watermelon slices.

The Navy pilot told his audience that the Vietnamese are masters of psychological warfare. He spent three years in solitary confinement and he also pointed out the deceit of his captors. "They would parade



VIPs VISIT NWC—Members of the Laboratory Advisory Board for Air Warfare committee of the Naval Research Advisory Committee (NRAC), posed for this photograph on the steps of the Commissioned Officers' Mess following breakfast during their visit here last week. The committee spent two days at NWC, accompanied by invited guests that included Edward H. Heinemann, president of Heinemann Associates, who is a member of NRAC. Also among the visitors was Dr. William B. McLean, former Technical Director at NWC, who is now Technical Director of the Naval Undersea Center in San Diego. While here, the visitors were briefed on major programs currently being conducted at the Center.

Injured Climber Rescued From Peak After Accident

Dennis Burge and Al Green, members of the China Lake Mountain Rescue Group, were alerted by Dr. Carl Heller last Monday when the U.S. Forest Service called to report an accident on the south face of Lone Pine Peak at approximately 1 p.m.

Two climbers from San Fernando, Ken Horwitz and Dan McCale, were descending the peak after spending Sunday evening camped on the top, when Horwitz jumped from one ledge to another at too great a height and suffered a compression fracture of a back vertebrae.

McCale, who was described as an excellent climber, hiked out and contacted the Forest Service. A call for help was made to the CLMRG and the emergency volunteer group swung into action.

A helicopter, manned by Lt. Jack Macduill, pilot, Lt. Joe Killinger, co-pilot, and carrying a hospital corpsman, HM? Wesley D.

Peterson, Burge and Green, was pressed into service from the Naval Air Facility.

Lt. Macduill transported the CLMRG men to a point 500 ft. below the accident victim. Accompanied by McCale, the two rescuers climbed up to Horwitz and placed him in a stretcher. He was then lowered to the waiting helicopter and flown to Lone Pine Hospital, where he is reported to be in "fairly good" condition.

The entire rescue, from the time the request was received until Horwitz was hospitalized, took only three hours—another fine example of the expertise and preparedness of the China Lake's well known rescue organization.

A back-up crew, to be led by Bill Stronge, waited at China Lake in the event its members were needed. The weather was very uncertain around the rescue site and it was not known whether or not the helicopter would be able to land Burge and Green.

Nominations for Bjorklund Award Now Being Taken

Nominations are now being accepted for the R. W. Bjorklund Management Innovator Award.

Objectives of this award program, which is sponsored by the China Lake Chapter of the American Society for Public Administration (ASPA), is to publicly recognize the employee whose contribution to management reflects an imaginative, risk-taking approach to the alteration and improvement of the management process.

Achievements such as the initiation of new management ventures, advancement of community-related projects, innovation in management techniques, creation of a more effective organizational structure, and improvement of employee motivation or development will be

considered in making the selection. Persons eligible for the Bjorklund award are line and staff public employees of local, state and federal government, local school districts and public service organizations in the Indian Wells Valley who have made a significant innovation in management processes or in community-related management functions.

Anyone who is aware of persons qualified for this award may submit a nomination. What is desired is a description of the achievement, along with the name of one or more informed individuals with whom the award proposal can be discussed.

Nominations, which are due no later than June 3, should be sent to the ASPA Chapter Secretary, PO Box 5542, China Lake.



FLAG VISITOR — Rear Admiral Henry Suerstedt, Jr., Commander of NWC (left), welcomed Vice Admiral Kent L. Lee, prospective Commander of the Naval Air Systems Command, at the NAF terminal on May 9. VADM. Lee visited China Lake to take part in technical briefings on major Center programs and to tour the facilities, prior to assuming his new post. In addition, while here, he participated in a management discussion led by RADM. Suerstedt and Dr. Walter B. LaBerge, NWC Acting Technical Director. RADM. Lee was accompanied by Cdr. D. C. Parkhurst (behind Adm. Lee, on the ladder), and LCdr. R. G. Hubbard, his aide.



GRAND INCENTIVE AWARD — A fortunate contributor to the 1973 Navy Relief Fund Drive will get a choice of one of the three grand incentive awards, shown here by Susan Rungo, the current Miss Ridgecrest-China Lake. On the left is a Vega "Woody" station wagon, and (at right) Miss Rungo leans against a 1973 Vega GT. In the middle is an 18-ft. Nomad trailer. One of these awards will be presented on June 16, at the conclusion of the drive. Keymen in all departments on the Center will be seeking contributions to the annual fund drive. Be ready to donate, and aid a worthwhile organization.

'73 Navy Relief Fund Drive Kicks Off Tomorrow at Naval Weapons Center

The 1973 call for contributions to the Navy Relief Society will kick off tomorrow in conjunction with the Naval Weapons Center's celebration of Armed Forces Day.

An impressive list of weekly awards has been gathered. Donors to the annual fund drive will find themselves eligible to take home such items as a 10-speed bicycle, \$100 United States Savings Bonds and gift certificates, or enjoy a steak and champagne dinner.

The campaign will end on Saturday, June 16, when the grand incentive awards will be presented to three fortunate contributors. The first award consists of a choice between a Vega GT, a Vega "Woody" station wagon, or an 18 ft. Nomad tandem camp trailer.

The second award is the choice of a Honda Trail 90 or two QA50 motorcycles; the third award winner will have the choice of a Litton electronic oven, a Kitchen Aide portable dishwasher, or a Zenith 16 in. color television set.

Weekly Prizes

Six awards per week will be distributed for three consecutive weeks during the campaign. On May 25, the prizes to be given away are:

- 1) A 10-speed bicycle, donated by Jim Wheeler's Western Auto store;
- 2) a \$100 series "E" savings bond, donated by the NWC Federal Credit Union;
- 3) and 4), \$100 savings bonds, presented by the Mercury Moving and Storage Co. and Arrowsmith Tool Manufacturing Corp.;
- 5) a \$30 gift certificate from Ace TV, and 6) a steak and champagne dinner for two, from The Hideaway Restaurant.

The weekly distribution on June 2 will consist of four \$100 savings bonds, donated to the Navy Relief Fund Drive by Ridgecrest Moving and Storage Co., Hill Enterprises, OMARCO Inc.'s Engineering Division, and Dunham Transfer and Storage Co.; a \$25 gift certificate from Loewen's TV, and a steak and champagne dinner for two at The Hideaway, from Bud Eyre Chevrolet.

Four more \$100 savings bonds will lead the list of incentive awards on June 9. These bonds are donated by Systems Consultants, Inc., Associated Aero Science Laboratory, Texas Instruments,

and Comarco, Inc.'s Graphic Division. Also to be distributed on June 9 are \$25 gift certificates from both BB's Cycle Center and the Desert Sport Cycle shop.

Keymen Appointed

Keymen have been appointed in each department at NWC to handle contributions. Although civilians are not eligible to receive aid from the Navy Relief Society, em-

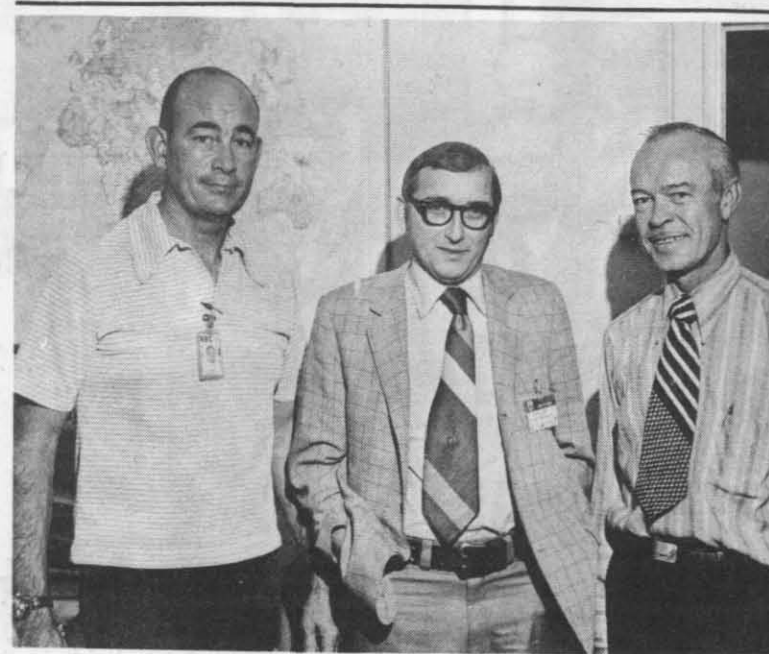
Disposal Branch Retail Store To Close Today

After today, the Property Disposal Branch retail store, located in Warehouse 41, will be closed until further notice.

The closure is necessary in order that the transition can be made from a manual to an automated system of accounting.

The Property Disposal Retail Store, which up until now has been a part of the NWC Supply Department, is being transferred to the control of the Defense Property Disposal Region based in Ogden, Utah, effective Sunday.

In the past, the Property Disposal Retail Store has been open on Fridays from 8 a.m. to 1 p.m.



REVIEWS PROGRAMS — Barry G. Pifer (c.), Science Advisor for the Commander, Naval Forces Korea, visited NWC recently to review projects for South Korean forces being performed by the Electronic Systems Department's Special Projects Division, headed by R. H. Forster (left). The programs are being handled under the cognizance of the Navy Science Assistance Program (NSAP), coordinated locally by Fred Davis (right).

ployees at NWC have long been supporters of Navy Relief. According to Cdr. R. B. Nygaard, NWC Deputy Director of Supply, who is coordinating the 1973 Navy Relief fund drive, "The teamwork so evident at NWC between Navy and civilian has extended itself over the years to the Society's annual call for contributions."

The Navy Relief Society is organized nationally and operates at the present from 55 auxiliaries and 58 branches located at principal Navy and Marine Corps bases and stations throughout the world.

The fund drive is held each year to make all Navy and Marine Corps personnel aware of the Society, and its services, and to solicit voluntary contributions so that timely and appropriate assistance can be rendered when emergencies occur.

Energy Crisis...

(Continued from Page 1)

and its possible application for the purpose of generating electrical power has involved an extensive analysis of the Coso Hot Springs thermal area on the Naval Weapons Center, as well as data he has collected about hot springs and thermal sources in Italy, Mexico and New Zealand.

PROMOTIONAL OPPORTUNITIES

(Continued from page 2)

Code 4575 - This position is located in the Applied Technology Branch, Propulsion Systems Division, Propulsion Development Department. Incumbent performs clerical duties for the branch and provides clerical support to the Structures Group (Code 4572). Major duties include typing reports, letters and technical articles; maintaining records, scheduling appointments; receiving visitors and telephone calls. Incumbent is responsible for time-keeping and sorting and distributing incoming mail. Job Relevant Criteria: Must be a qualified typist. Demonstrated telephone reception skills and experience typing administrative and technical subject matter. Minimum Qualification Requirements: As defined in CSC Handbook X-118.

Scientific or Engineering Discipline, GS-12, 13 or 14, PD No. 7345054, Code 4511 - This position will be branch head of the Concept Development Branch in the Advanced Technology Division of the Propulsion Development Department. The function of the branch is to provide the basis for development of future weapon and weapon-related systems concepts through the analysis, design and prototype hardware evaluation of selected technologies. Required technologies are identified through systems analysis and preliminary design trade-offs of future weapon concepts. Bread-board experiments and prototype tests are performed to evaluate and demonstrate feasibility of component technology. Concept development of selected components will be undertaken. Current emphasis will be on future cruise missile systems concepts, and supporting development being conducted on low cost, ordnance-quality, expendable turbine engines. Job Relevant Criteria: A degree in engineering or related scientific discipline. At least five years of progressively responsible experience in propulsion and weapon research and development. Thorough knowledge and experience in weapon systems analysis and propulsion system analysis. Minimum Qualification Requirements: As defined in CSC Handbook X-118.

Scientific or Engineering Discipline, GS-12, 13 or 14, PD No. 7345056, Code 4513 - This position will be branch head of the Propulsion Analysis Branch in the Advanced Technology Division, Propulsion Development Department. The function of the branch will be to analytically formulate specific propulsion systems from proposed concepts and perform comparative evaluations in existing and future Navy weapons. The branch will provide analytical support and supporting development groups in the department for assistance in experimental parameter determination. Future direction and opportunities in propulsion research and development will be provided to the department and cognizant Naval Air Systems Commands. The branch also will determine cost effective application for existing propulsion concepts. Job Relevant Criteria: A degree in engineering or related scientific discipline. At least five years of progressively responsible experience in propulsion weapon systems analysis and propulsion system analysis. Minimum Qualification Requirements: As defined in CSC Handbook X-118.

Scientific or Engineering Discipline, GS-12, 13 or 14, PD No. 7345055, Code 4512 - This position will be branch head of the Concept Analysis Branch in the Advanced Technology Division, Propulsion Development Department. The function of the branch is to aid the management of the Propulsion Development Department in making decisions on weapon systems and weapon system technology as related to ongoing programs in the department, on the Center, and in the Naval Systems Commands. The branch provides expertise to and consults the management of the department on the broad aspects of Naval weapons systems and technology. The branch assists the department in planning new program areas and assists in their development in funding and capability. Close coordination with other analysis activities at the Center has helped in citing these future program areas. Job Relevant Criteria: A degree in engineering or related scientific discipline. At least five years of progressively responsible experience in propulsion and weapon research and development. Thorough knowledge and experience in weapon system analysis and propulsion systems analysis. Minimum Qualification Requirements: As defined in CSC Handbook X-118.

File applications for above with Linda Grassman, Bldg. 34, Rm. 204, Ph. 2925. Management Assistant, GS-344-5 or 6, PD No. 617020, Code 17031 - Will provide support for the Center's directives, forms reports and records management programs. Will review directives for comprehensiveness of coverage, format, editorial acceptability of procedures, conformance with directive standards. Will design or revise forms as necessary and perform procedural analysis related to the use of forms. Responsible for coordinating the Center's Records Management Program. Minimum Qualification Requirements: As defined in CSC X-118. Job Relevant Criteria: Editing skills. Familiarity with Center organization. Tact and persuasiveness in dealing with all levels of management. Ability to type. Promotion Potential: GS-7.

Secretary (Dictating Machine Transcribing) PD No. 7317020, GS-318-5 or 6, Code 17 - Incumbent will be the secretary to the head of Central Staff performing the following typical duties: receiving telephone calls and official visitors; maintaining supervisor's calendar; liaison between supervisor and his subordinates; receiving and reading incoming correspondence, preparing outgoing correspondence as necessary; making

arrangements for conferences; obtaining and assembling information to be used by supervisor in presentations or conferences; making arrangements for conferences; obtaining and assembling information to be used by supervisor in presentations or conferences; making arrangements for supervisor's travel requirements. Job Relevant Criteria: Good working knowledge of the Center's organization, programs and key personnel assignments. Familiar with work of Central Staff. Knowledge of Center's administrative policies and procedures.

Supervisory Technical Publications Editor (PS&E), GS-1083-12 or 13, PD No. 7317021, Code 7512 - This position is that of Head, Technical Publications Branch No. 2 in TID. The incumbent will assist the head of the Publishing Division in designing and implementing a publications and information processing program for Center and in conducting an ongoing centerwide educational program in advanced technical communications and technical publications. Minimum Qualification Requirements: As defined in CSC X-118. Job Relevant Criteria: Broad background in publishing. Understanding and knowledge of the technical programs and of the organizational structure and missions of the Center. Tact, initiative and ability to work harmoniously with all levels of management.

File applications for above with Mary Morrison, Rm. 210, Ph. 2393.

Electronics Engineer, Mathematician or Physicist, GS-9 or 11, PD No. 7340010, Code 4064 - This position is that of Hybrid/Analog operations programmer and consultant in the Center's Simulation Laboratory. The incumbent's primary duties will be in the analysis and programming. Serves as consultant to other simulation analysts regarding operation, capabilities and application of digital and analog machines in simulation studies. Job Relevant Criteria: Familiarity with computing and/or simulation fundamentals. Bachelor's degree and one year experience in engineering and/or applied mathematics. Minimum Qualification Requirements: As outlined in CSC Handbook X-118.

Electrical/ Electronics/ General Engineer, GS-11 or 12, PD No. 7340076, Code 4095 - This position is located in the Systems Integration and Evaluation Branch (Code 4095) of the Weapons Development Department and provides all incumbent's primary duties will be in the integration of air-to-ground weapon systems with test and operational aircraft systems. Applicants must have a minimum of three years experience in aircraft/ weapon system integration. A minimum of one year must have experience with the A-7 or A-4 aircraft. Job Relevant Criteria: Applicants must have a BS in engineering with experience on digital computers; inertial navigation sets and doppler and forward looking radar or other avionic system components. Minimum Qualification Requirements: Four years general experience and three years specialized in accordance with CSC Handbook X-118.

File applications for above with Elizabeth Sodergren, Bldg. 34, Rm. 206, Ph. 2676.

Clerk-Typist, GS-322-4, PD No. 725172am1, Code 3561, 3562, 3563 - This position is located in the Special Projects Division of the Electronic Systems Department and provides all clerical support for three branches. Duties include typing and assembling official correspondence, reports, messages, travel orders; arranging travel itineraries; receiving visitors and telephone calls; timekeeping and mail distribution; and maintenance of administrative and project files. Job Relevant Criteria: Must be a qualified typist, effectively deal with official visitors and schedule own work efficiently. Minimum Qualification Requirements: As defined in CSC Handbook X-118.

Physicist or Electronics Engineer, GS-11 or 12, PD No. 7335052, Code 3524 - This position is located in the Missile Guidance Branch of the RF Development Division of the Electronic Systems Department. The incumbent's duties will include (1) the design of equipment to support anechoic chamber and flight testing of anti-radiation missile seekers and (2) the definition and coordination of anechoic chamber and flight testing of anti-radiation missile seekers. Job Relevant Criteria: This position requires a sound background in the design of instrumentation systems. It also requires familiarity with ground and flight test techniques for airborne electronic warfare systems. A work background in anti-radiation weapon systems is desirable. Minimum Qualification Requirements: As defined in CSC Handbook X-118.

Electronics Technician, GS-856-7, 8 or 9, PD No. 7335053, Code 3522 - This position is located in the Radar Instrumentation Branch, Countermeasures Division, Electronic Systems Department. The operations of the branch are conducted exclusively at Echo Range in the Randsburg Wash test area. The incumbent will be required to function as an operator/maintenance technician on complex radar and instrumentation systems. Job Relevant Criteria: Incumbent must have a sound understanding of the theory of CW and pulse radars and be able to effectively utilize the test equipment and procedures required to obtain designed performance. Specialized experience is required in radar, microwave, digital data, computer, and servo-mechanism systems. Minimum Qualification Requirements: As defined in CSC Handbook X-118. Advancement Potential: GS-11.

File applications for above with Sue Prasolowicz, Bldg. 34, Rm. 206, Ph. 2577. Clerk-Typist, GS-322-3 or 4, PD No. 7130084, Code 3012 - The incumbent is required to provide typing and clerical service to all project personnel in the form of official Naval letters, memorandum and reports. Arrange



LOOKING AHEAD — A group of nearly 100 persons (employees of the Naval Weapons Center, some accompanied by their spouses) attended a two-day Retirement Planning Seminar held at the Community Center. This event, arranged by Mrs. Marcell Boles, of the Personnel Department's Employee Management Relations Division, has been increasingly popular as the number of employees who are planning to retire grows steadily. In the past five years, some 500 NWC employees have retired, Mrs. Boles reported. Keynote speaker for the two-day session was Harold M. Corum (top photo), from Consumer Credit Counselors in Los Angeles. He discussed "Financial Aspects — Income Maintenance." Legal concerns was the topic of Burke West (center left photo), a Ridgecrest attorney, another of the seminar participants, while Anthony Rakouskas (lower left photo), from the Internal Revenue Service in Los Angeles, discussed "Tax Aspects of Retirement." Other subjects covered during the seminar, and those who presented them were: "Social Security and Medicare," Donald Crumb, assistant manager of the Social Security Administration in Lancaster; "Employment in Retirement," Mrs. Jane Eckhart and Mrs. Virginia Tapp, from the Lancaster office of the State Department of Human Resources; "Civil Service Computations," Mrs. Dorothy Dandurand, of NWC's Central Staff; "Health Maintenance in Retirement," Dr. Arthur Shedlock, NWC's Industrial Medical Officer; and "Mental Health in Later Life," Dr. Ellis Cline, director of the Desert Counseling Clinic.



Re-enlistments At NWC During April

Military re-enlistments at the Naval Weapons Center through the month of April.

Naval Air Facility
ADCS James W. Unger, chief master at arms (4 yrs.)
PH2 Ralph D. Cox, ROCKETEER office (6 yrs.)

PH1 Bruce Rebbetoy, Explosives Ordnance Detachment (6 yrs.)
AE1 Robert A. Seidman, Precision Measurement Equipment Shop (4 yrs.)
ATC John T. Pozony, CPO in charge of Operational Maintenance Department (4 yrs.)
ETN3 David W. Laich, Ground Electronics (6 yrs.)
AE2 Romero C. Abrientos, Operational Maintenance Department check crew (6 yrs.)
ADJC Thomas L. Bliese, Maintenance Control Office (4 yrs.)

VX-5
LN1 Joseph E. Waggoner, Reports Management (4 yrs.)
Marine Corps
GySgt. Harold Logue, Marine Liaison Office (4 yrs.)

Information Sought For New Directory

Next Friday, May 25, is the deadline for submitting changes to be included in the new NWC telephone directory, slated for publication in July.

Information on changes should be mailed to the Telephone Records Office, Code 8544.

travel itineraries, making reservations and typing travel orders, receive and screen telephone and business callers and refer them as appropriate. Maintain control records on incoming documents and correspondence and a follow-up system on action items to assure that deadlines are met and maintain all records on them thereafter. Draft non-technical memos and compose correspondence as requested. Minimum Qualification Requirements: As outlined in X-118. Job Relevant Criteria: MTSST typist required.

Clerk (Typing), GS-301-5, PD No. 430636, Code 3037 - This position is located in the Systems Development Department, Computer Sciences Branch. The incumbent will directly assist the branch head and other branch personnel by independently performing a variety of administrative, clerical, and secretarial duties. These duties will include procurement actions, editing and preparation of technical reports, editing and preparation of correspondence, and obtaining and presenting information. Minimum Qualification Requirements: As defined in CSC Handbook X-118.

Search, Rescue Group Prepares For...



A FLAME SAFETY LAMP is carried by Wilhelm as he sits at the bottom of the shaft in an old uranium mine. If the light goes out, then members of the search and rescue team know there is insufficient oxygen in the mine to sustain life.



AFTER A CHECK by Camphausen (right foreground), Bob Wilhelm is "suited-up" for a descent into the shaft. Jack Williams is fitting a harness on Wilhelm to which the three lines are attached.

Good rescue missions are the result of practice, research and training. Members of the IWV Search and Rescue Team are photographed during a practice session, which also served as a familiarization exercise in an old, abandoned uranium mine near Searles Station.

Photos by — PH2 Dave Cox, and PH3 Dennis Jenereaux



THIS IS THE view from the bottom looking up. The lights at the top belong to team members on their way down.



SAM WYATT (standing) team captain, observes the clearance of the three lines used when hoisting a man up or down in the shaft. (They are the main hoist line, a safety line, and a telephone line.) The man kneeling, watching Camphausen's progress, is Bob Padgett.



FRED CAMPHAUSEN, who is the underground lieutenant for the Indian Wells Valley Search and Rescue Team, has the dubious honor of being the first to enter a mine shaft. He is seen here about to enter an abandoned uranium mine, located in the vicinity of Searles Station. The group often uses this mine and others nearby as practice sites. Camphausen's task is to check the safety of the tunnel. He is wearing a flame safety lamp (rear) and carries a telephone for communication to the men on top. He also checked for the presence of carbon monoxide in the shaft by using a "sniffer."

Its Role in Life and Death Situation



THE SECOND SKYTRAIN — The Navy's new C-9B (pictured above), will be on display during the Armed Forces Day celebration tomorrow at the Naval Air Facility. Named the Skytrain II after the dependable and durable Navy R4D and Air Force C-47 transports of World War II fame, this new aircraft is designed to transport priority passengers and cargo in support of surface Fleet units, and will operate from small and medium-sized airports.

New Navy Transport Takes Over for 'Old Shakey' C-117

"Old Shakey" has been replaced. The C-117, the U.S. Navy's oldest, simplest and most reliable transport aircraft, which has served faithfully for 32 years, is out-moded.

Visitors to the Armed Forces Day celebration tomorrow may see her replacement on static display at the Naval Air Facility as the Navy's newest transport aircraft, the McDonnell Douglas C-9B, Skytrain II, will be parked on the apron for public viewing.

"Old Shakey" is the name given the Naval Air Facility's C-117 Skytrain, and recently she figured prominently in the acceptance ceremony of the Skytrain II that took place on the flight line at Long Beach Airport.

Sandwiched in between two new DC-9s, China Lake's C-117 (DC-3 in civilian life), and her crew — Cdr. G. B. Bailey, NAF's Operations Officer, LCdr. C. E. Williams, the Aviation Safety Officer at NAF, and ADRC L. E. Ellis, the ship's plane captain — were guests of honor during the ceremony, which was attended by dignitaries from both the U.S. Navy and McDonnell Douglas Corp.

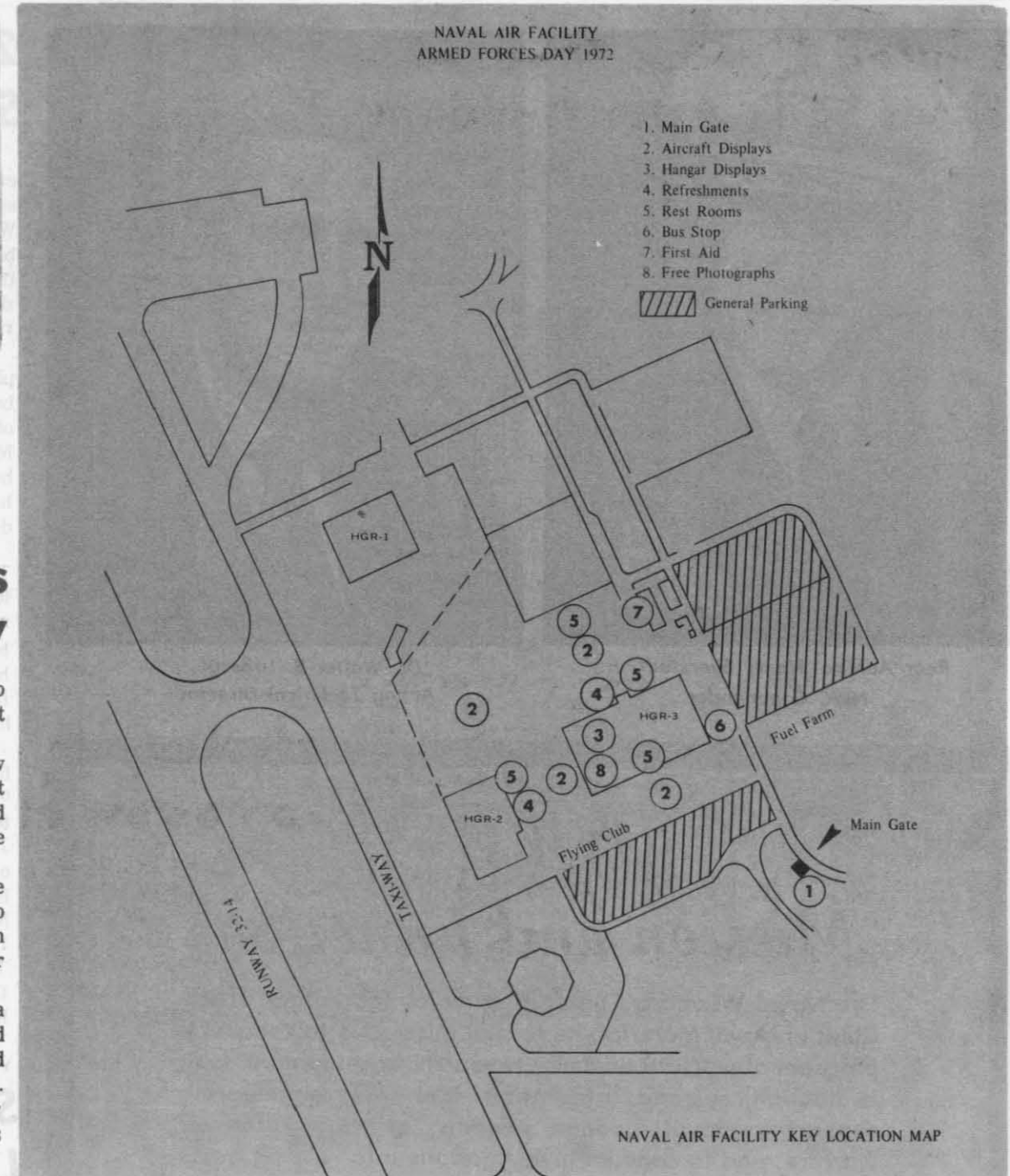
The new Skytrain II will provide the Navy with a twin-jet transport for swift movement of personnel and cargo between shore bases. It is capable of hauling 10,000 lb. of cargo non-stop from the West Coast to Hawaii, or coast-to-coast, at speeds twice those of propeller-

driven transports now assigned to the Navy's Fleet logistics support mission.

Other advantages of the new airship include greater flight frequency, greater capacity and lower operating and maintenance costs.

The Skytrain II on display here tomorrow has been assigned to Fleet Tactical Support Squadron VR-30, based at the Naval Air Station, Alameda.

The Naval Air Facility at China Lake, believing in time-tested equipment, will keep "Old Shakey" in service a while longer. NAF received the C-117 in May 1968. Only 12 of these transports remain in U.S. Navy service.



Attempt for Speed Record To Be Made Saturday in Former Navy Fighter Aircraft

Armed Forces Day visitors to the Naval Weapons Center will have the opportunity to see and make visual comparisons of one of the last propeller-driven fighter aircraft produced in the U.S. with the Navy's newest jet-powered combat craft.

A rebuilt and modified F-8F Bearcat, similar to those manufactured in the U.S. during the period from 1945 through 1949 and then sold to the French Air Force for use in Vietnam, Laos and

Cambodia, will be on display at the Naval Air Facility before and after attempts that will be made to establish a new speed on Saturday.

The Bearcat became the property of Cdr. Lyle Shelton, USNR, a commercial airline pilot, after it was totalled out by a crash landing in a midwest farm field in 1968. Cdr. Shelton has since been aided by William H. Hickie, an employee in the Advanced Aircraft Systems Programs Office of the NWC Weapons Development Department, in rebuilding the sturdy little craft for its present use as an air racer.

With the assistance of Hickie and other crew members, Cdr. Shelton won the 1973 Great Miami air race and in February 1972 set a new world record for propeller-driven aircraft by climbing to 10,000 ft. in 91.9 sec.

The speed record try here tomorrow will be over the same previously surveyed 15-kilometer course that was used in 1966 for an F-3 Crusader speed record try.

NWC instrumentation personnel will assist by operating cameras that will be set up at the G-2 tower and in the vicinity of Airport Lake. There also will be ground communication with the speeding aircraft and a continuous radar read-out will indicate immediately whether or not a new record has been established unofficially.

During tomorrow's speed record attempts, Cdr. Shelton will be flying the Bearcat at between 8,000 to 10,000 ft. in elevation along a south to north course extending a distance of some 20 miles from the

China Lake Pilot Plant road (midway between "B" Mt. and the housing area) toward Coso Hot Springs.

The current speed record for unlimited class piston engine aircraft over a 15 kilometer straight line course is 465 mph. This mark must be exceeded by one per cent (around 470 mph) in order for the effort to be recognized as a new record.

While the F-8F Bearcat is on the ground, visitors to NAF will be able to size it up in comparison to an F-14 Tomcat that is being brought here from Point Mugu for display on Armed Forces Day.

The Tomcat, a product of the

Grumann Aerospace Corp., is a dual-engine, jet-powered, swept-wing aircraft that is capable of speeds in excess of Mach 2 (twice the speed of sound), according to Jay Koehler, site manager for the Grumann Aerospace Corp. at China Lake.

The Tomcat, which has been developed to contain the threat of the Russians' MIG 23, has to its credit the remarkable achievement of a 77-degree angle of attack without displaying stall characteristics, Koehler added.

NAVY EXCHANGE TO CLOSE The Navy Exchange retail store and annex will be closed on Wednesday and Thursday, May 23-24, for inventory.



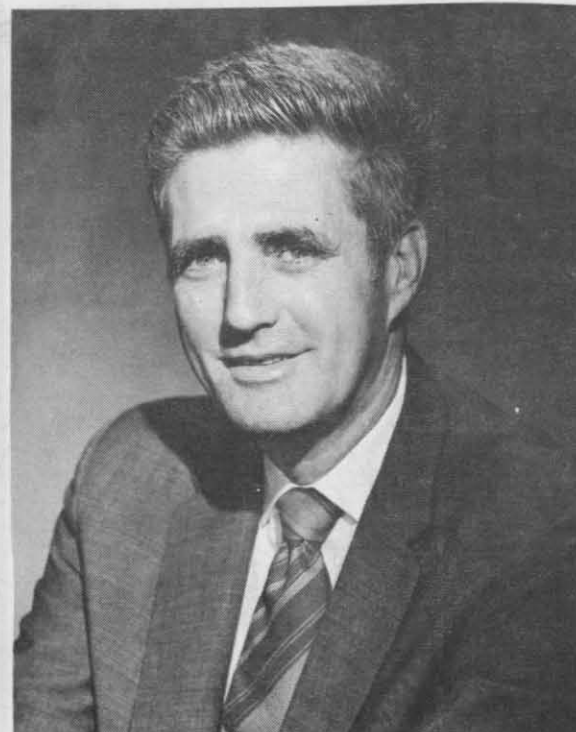
TO TRY FOR RECORD—This propeller-driven F-8F Bearcat will be brought to China Lake for a speed record attempt on Saturday — Armed Forces Day. Pilot of the craft is Cdr. Lyle Shelton, USNR, a commercial airline pilot, while its chief engineer is William H. Hickie, a Naval Weapons Center employee.



NAVY'S NEWEST FIGHTER—Among aircraft on display Saturday at the Naval Air Facility will be the F-14 Tomcat, which is being brought here from Point Mugu in order to give Armed Forces Day visitors a look at the Navy's newest fighter aircraft.



Rear Admiral Henry Suerstedt, Jr., NWC Commander



Dr. Walter B. LaBerge, Acting Technical Director

25th Anniversary Marked Since Laboratory Opening

Armed Forces Day, always a big event at China Lake, has special significance in 1973 since the Naval Weapons Center will be observing both its 30th anniversary as well as the 25th anniversary of the dedication of Michelson Laboratory this year.

On May 8, 1948, a ceremony took place that officially opened the building now serving as the heart of NWC's laboratory complex. More than any other NWC building, Michelson Laboratory has symbolized the research and development process.

Distributed with the ROCKETEER today is a 16-page booklet commemorating this 25th anniversary. The booklet is intended to give the reader a sense of historical continuity. It describes through words and pictures the history of the laboratory.

Most of the historical information used in the booklet was obtained from transcribed interviews with Center pioneers. James A. Duncan, laboratory officer; Capt. Sherman E. Burroughs, first Commander of the Naval Ordnance Test Station; and Dr. L.T.E. Thompson, first Technical Director, were among those who made NWC history happen.

Their interviews provide a valuable personal touch, con-

taining as they do anecdotes about laboratory planning and construction that enlivens this brief history.

The interviews were collected by A. B. Christman for use as background material for Volume 2 of the NWC history, which is being



Cover Design As Created by Erwin

prepared by Christman and J.D. Gerrard-Gough.

The Michelson Laboratory 25th anniversary booklet was prepared by the Publishing Division of the NWC Technical Information Department, with Elizabeth Babcock as writer; Florence Dinsmore, editor; and William Erwin, designer. Erwin created the striking cover design.

Savings Bond Campaign Launched at China Lake

The "kick-off" meeting for the annual U.S. Savings Bond Campaign was held Wednesday morning at the Community Center in order to brief department "keymen" and their assistants on some of the unique values of Savings Bonds and payroll savings.

The keymen and their assistants will be selling U. S. Savings Bonds during the drive which will begin on Monday and extend through Friday, June 1.

Annexation...

(Continued from Page 1)

position to the annexation plan, was absent from the meeting, and Supervisor John Mitchell abstained from voting on the matter.

Steps which still must be taken before annexation is a final matter of record include the drafting of a resolution by the Kern County counsel for submission to the Secretary of State.

The filing of this document with the Secretary of State, which is expected in about two weeks time, as well as copies with the State Board of Equalization, the Recorder's office and the county assessor, will complete the formalities.

This annexation of some 1,370 acres of Navy land to the City of Ridgecrest will enable tax revenue from the area to be annexed, which now goes to Kern County, to be channeled instead to Ridgecrest.

The additional tax funds that will become available are earmarked for use on development of the 106-acre regional park located adjacent to the Burroughs High School access road, as well as for improvements to and policing of the high school access road.

Keith E. Russon, area

representative for the U. S. Savings Bonds Division of the Department of the Treasury, was introduced by Mrs. Marcell Boles, Employee Relations Specialist of the Personnel Department.

Russon, a former public relations manager in industry and a lieutenant colonel (retired) in the Air Force Reserve, very ably presented some of the highlights of the Savings Bonds Program, and invited questions from his audience.

The speaker was able to present many facts not generally considered before, and he answered questions skillfully, displaying considerable knowledge of Savings Bonds and the program. He also showed a brief motion picture that emphasized some of the advantages of purchasing Savings Bonds through the automatic payroll savings plan.

Today, Savings Bonds are better than ever. The new bonus interest rate of 5 1/2 per cent when held to maturity of 5 years and 10 months is an inducement to prospective savers.

Vacancy Exists On Community Council Board

Due to a recent resignation, a vacancy now exists on the China Lake Community Council board of directors.

Candidates are currently being sought to represent combined precincts 5 and 6.

Interested persons 18 years of age and over who live within the boundaries of either of these two precincts are asked to call Martha Pena, a member of the Community Council's nomination committee, at 375-7925, or Marion Carter, at NWC ext. 3575.



Capt. R. S. Moore, Commanding Officer, NAF



Capt. E. M. Crow, Commanding Officer, VX-5

NWC Mission and Functions

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 of science and technology.

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, underwater ordnance, aircraft fire-control systems, and limited-warfare weapons.

Present Center assignments include analytical and experimental derivation of advanced concepts for total weapon systems and the technical management of major 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.

Scout-o-Rama Planned at Schoeffel Field

Scouts of the Desert District, Southern Sierra Council, will gather at Schoeffel Field tomorrow for a Scout-o-Rama to be held in conjunction with the Naval Weapons Center's celebration of Armed Forces Day.

Seventy-five percent of all the Cub Packs and Scout Troops and Explorer units in the district will man 51 booths, where Scouting skills, equipment, and related subjects will be displayed for the viewing public.

According to Leon Nelson, Desert District Scout Executive, only one Cub Pack is coming from the Lake Isabella area. "Nearly all of the units represented at the Scout-o-Rama will be local boys," he commented.

At the moment, local Scouts are selling tickets (price \$1) to the annual Scout-o-Rama. Profits from this sale will benefit the individual Scout, local Scout units, and the Council's operating budget.

Tickets will also be available at the entrance to the Scout-o-Rama. Some of the exhibits on display tomorrow include:

Pack 835 will show Cub crafts and games; Pack 291 will present a display of Indian lore; Troop 41 plans to exhibit displays on physical fitness; Troop 112 will present an exhibition of camp cookery, and Troop 848 will erect a

model campsite.

In addition, Pack 341 will build and operate a pinewood derby race track. All Cub Scouts in the Desert District are invited to bring their model race cars and run them on the track during the day.

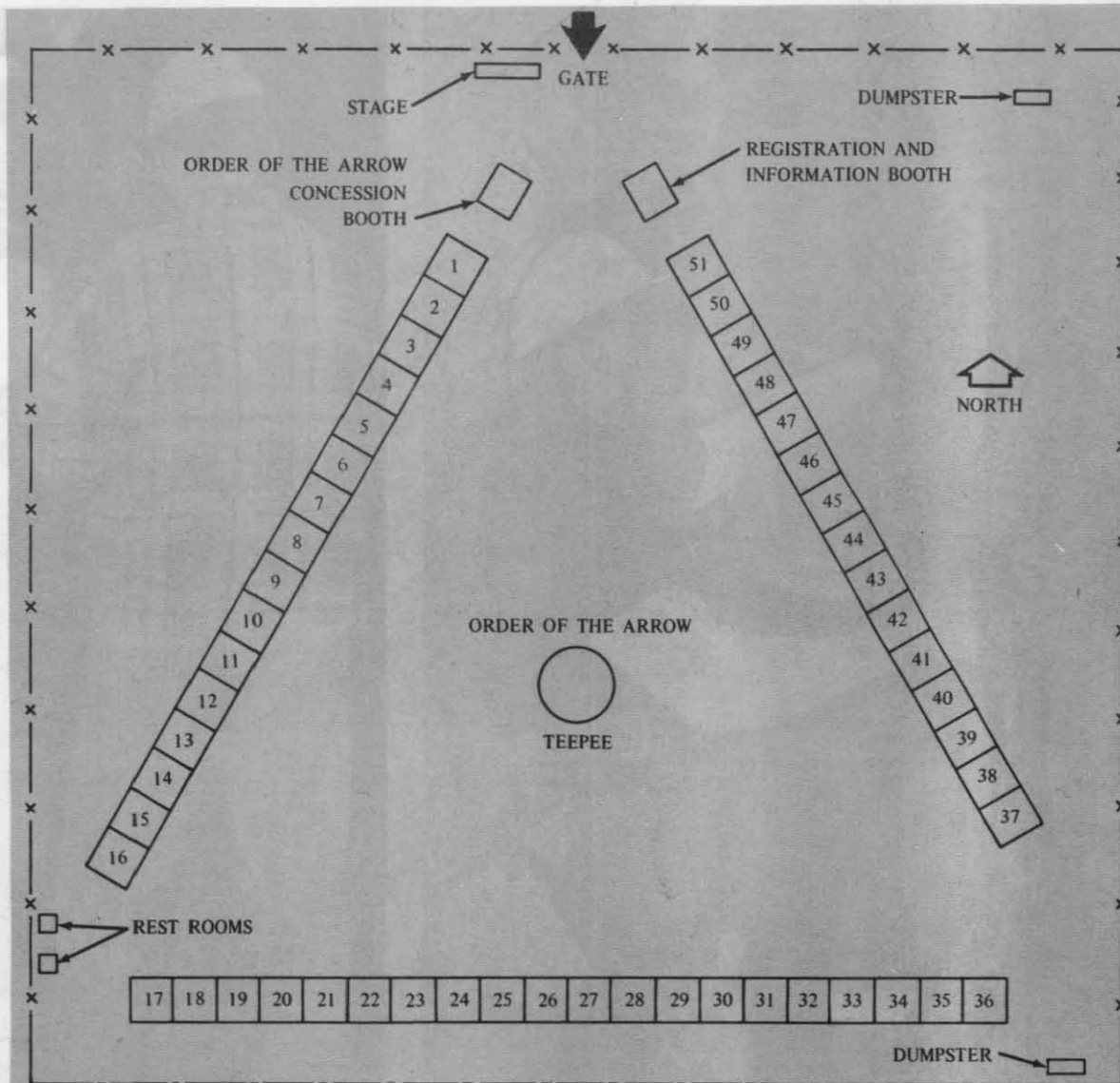
Also on the grounds will be an Order of the Arrow teepee, where members of that unit will be dressed in Indian costumes.

Elton Oliver, who is the district camping chairman, is coordinator of the event. Babs Bruce will operate an information booth and Gary Corlett and Paul Hape will assist both Mrs. Bruce and Oliver with preparations.

This Scout-o-Rama is the annual "trade show," which presents information to the public, parents and friends on just what Scouting is all about. Visitors to the event will be provided with an insight into the activities of the world's largest youth organization.

Since Scouting began 63 years ago, much has changed. Youths of today are quite a bit different from those of just a few years ago, and the Scouting program has kept pace with this change.

Many of Scouting's newest activities will be reflected in the presentations prepared by the Scouts themselves at the Scout-o-Rama.



SOMETHING FOR EVERYONE — Two young couples were photographed recently as they toured the Weapon Exhibit Center. The archive of NOTS and NWC weaponry will be open to visitors during the Armed Forces Day celebration from 8:30 a.m. to 4:30 p.m. Inside the building are displays of rockets and missiles developed at the Center, accompanied by information on the history of each weapon's development. The bomb being studied by the group was part of a project at NOTS for the Atomic Energy Commission. —Photo by PHAN Shellie K. Reed

Weapon Exhibit Center Is Good Place To Visit Today

An opportunity to see more of the actual hardware involved in the history of air weaponry than is available in a single location anywhere else will be afforded visitors during tomorrow's Armed Forces Day celebration at the Naval Weapons Center.

The Weapon Exhibit Center and the Maturango Museum will be open to visitors from 8:30 a.m. to 4:30 p.m. on Armed Forces Day. Inside the Weapon Exhibit Center are displays of weapons and other systems developed at NOTS (the

Naval Ordnance Test Station), and NWC, since the Navy began operations at Inyokern in 1943.

Such famous rockets and guided missiles as Tiny Tim, the 3.5-in. rocket, a 4.5-in. barrage rocket, the 5-in. rocket, Holy Moses (HVAR), HPAG, ATAR, Mighty Mouse (FFAR), and LAR, are on view. Situated alongside these forerunners are Gimlet, Zuni, Sidewinder, BAT, the Mark 44 torpedo, Briteye and other free-fall-weapons, BOAR, Weapon A, RAT and ASROC.

Museum Plans Summer Program For Children

The Maturango Museum's annual summer enrichment program for students between 8 and 12 years of age has been scheduled on weekdays from June 11 through 22 in Huts No. 51 and 52 on the Murray School campus.

Registration for this two-week program, which will be limited to 35 enrollees, will be held from noon to 2 p.m. at the museum during the week of May 21-25.

Although participation is limited to student members or the children of adults who are members of the Maturango Museum, these memberships can be purchased at the time of registration for the summer program. Prices are \$1 for students only, \$5 for non-student individual members, and \$10 for family memberships.

The Maturango Museum's summer program for children will include classes about insects, birds, desert animals, Indian folklore, sandpainting and primitive ceramics, as well as sessions on stargazing, mountaineering and safety tips to follow in wilderness areas.

In addition, visitors may see movies of weapon tests, view the combat art hung inside the building, and peruse an historical exhibit. One of the main purposes in displaying the weaponry developed at the Center is to show visitors what is done at NWC and the importance of that work.

Under the guidance and leadership of the Technical Information Department's Exhibits Branch, headed by Ray Sinnott, the Weapon Exhibit Center has continued to reflect the growth of the technological community at NWC.

During the past year, Sinnott's group has updated the early NOTS history exhibit, changed the organization display to reflect the new leaders on the Center, updated an exhibit concerned with technology transfer, and moved the torpedo exhibit to add a panel explaining the Mark 44 torpedo.

The Weapon Exhibit Center, and the Maturango Museum, which is housed in the same group of buildings, are open regularly from 2 to 5 p.m. on Saturdays and Sundays. Persons interested in viewing the exhibits during weekdays may make a special appointment by calling NWC ext. 3379.

Carnival Main Attraction for IWV Spring Festival Beginning May 30

The SJM Fiesta Shows carnival will wheel into town on May 30 to spend five days providing rides and games for the amusement of residents of the Indian Wells Valley.

During the Spring Festival, an event sponsored annually by the Knights of Columbus for the benefit of the entire community, an indoor recreation vehicle show and other attractions will be featured,

along with the carnival.

The indoor recreation vehicle show will be held in Joshua Hall, on the Desert Empire Fairgrounds. Displays by local dealers of the latest in recreation vehicles will be the main attraction.

Local organizations are currently selling half-price ticket books for the carnival's rides and attractions. The books are priced at \$1 for five rides and groups will

earn a percentage for each book they sell.

Food and games also will be found on the carnival midway, where members of local organizations will operate booths as a fund-raising activity.

The Spring Festival will be open in the evenings on May 30, 31 and June 1. Happiness time will begin at 12 noon on June 2 and 3.