



WILD WAGON — A caged wagon load of youngsters dressed up as wild animals is carted through the arena at the Children's Center circus which took place Thursday, Aug. 19. This event was enjoyed by 200 spectators.

Circus celebration held by youngsters at Children's Center

The Children's Center concluded its celebration of "Circus Month" Thursday night, Aug. 19, with a unique event — a circus performed by 100 youngsters between the ages of three and nine years old for more than 200 family members and friends.

Cynthia Garvin and Debbie Bergstrom, coordinators for the event, were assisted by 15 other Children's Center staff members who donned bright make-up and baggy pants and clowned around with the kids in a variety of circus acts.

Children dressed as lions, tigers and bears (and other scaled-down ferocious animals) did some animal tricks, such as jumping through hula hoops, to the amazement of the audience.

Other youngsters displayed their equilibrium skills on the tightrope (actually a low-level balancing beam, as many parents were relieved to discover).

School-age children flew through the air with the greatest of ease in impressive acrobatic stunts such as flips, somersaults and cartwheels.

Some parents participated in the circus as well; one mother flexed her muscles as the strong lady of the circus. Other parents helped with the signs and props.

MOVIES

(G) ALL AGES ADMITTED
General Audiences
(PG) ALL AGES ADMITTED
Parental Guidance Suggested
But Some Material May Be Inappropriate
Under 17 requires accompanying Parent or Adult Guardian

Regular starting time 7:00 p.m.

FRI., MON. AUGUST 27, 30
"CHARIOTS OF FIRE"
Starring
Nicholas Farrell and Nigel Havers
(Drama, rated PG, 124 min.)

SATURDAY AUGUST 28
"NIGHT CROSSING"
Starring
John Hurt and Jane Alexander
(Suspense, rated PG, 107 min.)

SUNDAY AUGUST 29
"LIAR'S MOON"
Starring
Matt Dillon and Cindy Fisher
(Drama, rated PG, 105 min.)

TUESDAY AUGUST 31
Matinee—2 p.m.
"STAR TREK THE MOTION PICTURE"
Starring
William Shatner and Leonard Nimoy
(Adventure Drama, rated PG, 132 min.)

WEDNESDAY SEPTEMBER 1
"ABSENCE OF MALICE"
Starring
Paul Newman and Sally Field
(Drama, rated PG, 166 min.)

FRIDAY SEPTEMBER 3
"NEIGHBORS"
Starring
John Belushi and Dan Aykroyd
(Comedy, rated R, 95 min.)

Community orchestra begins rehearsals for 1982-83 season

Rehearsals for the 1982-83 season were started last Monday night by the Desert Community Orchestra.

The orchestra is directed by Dr. Walter Unterberg, who also leads several musical groups in the Los Angeles area. The rehearsals are held on Monday evenings, starting at 7 o'clock, at Cerro Coso Community College.

More musicians are needed. Those interested in joining the orchestra are asked to contact Lou Ava Seybold by calling 375-7455. During the coming season, the Desert Community Orchestra will present four regular concerts plus a "pops" concert and a children's concert. All performances are scheduled on Sunday afternoons at 4 at the college lecture center.

The orchestra is supported in part by memberships in the Desert Community Orchestra Association that can be purchased by local area residents. The price is \$10 per season for single persons, \$20 for families, while memberships for students, enlisted military personnel and students are priced at \$5.

Navy League schedules dinner meeting Sept. 9

The fall season of activities of the Indian Wells Valley Council of the Navy League will get underway with a dinner meeting on Thursday, Sept. 9, at the Enlisted Mess.

Guest speaker for the evening will be LCDr. Royle J. Pariseau, officer-in-charge of the China Lake Branch Medical Clinic.

A social hour starting at 6:30 will precede the dinner, which will feature top sirloin steak as the main entree.

Price of the dinner is \$6.50 per person and reservations, which are due no later than Sunday, Sept. 5, can be made by calling 446-6244, 446-5488, or 375-4272.

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From: _____

To: _____

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Many classes in music offered at Cerro Coso in fall

More than a dozen music classes are being offered during the fall semester at Cerro Coso Community College, which began on Monday, Aug. 23.

There is a class "Beginning Harmony" that is being held on Monday, Wednesday and Friday from 11 a.m. to 12 noon, as well as a 2-unit course in "Ear Training" and sight singing (taught by Scott Miller). It is scheduled on Monday and Wednesday from 11 a.m. to 12 noon.

In addition, Sandra Raines is teaching a class in "Voice" on Monday from 7 to 10 p.m., as well as on Thursday from 9 a.m. to 12 noon. Instruction for beginners emphasizes singing techniques, practice habits and a basic knowledge of music. There also are other "Voice" classes for more advanced students.

On Thursday evenings from 6 to 8 o'clock, there is a college class in learning to play the guitar that is taught by Richard Nuckles. Instruction is provided for both beginning and advanced students.

Other music classes offered this fall at Cerro Coso College include orchestra, college choir, music appreciation, learning to read music, and piano instruction.

Additional information on college music classes can be obtained by calling 375-5001.

How times flies . . .

The high school youth whose photo appears in the "Remember When..." column in this issue of the Rocketeer is Capt. John W. Patterson, NWC's Chief Staff Officer.

Capt. Patterson, whose tour of duty here ends on Aug. 31, is being transferred to White Sands, N.M., where he will take over the duties of Commanding Officer of the Navy Detachment there.

At China Lake for nearly four years, he came here to handle the duties of associate department head for Anti-surface Systems in the Weapons Department. In November 1980, Capt. Patterson became the NWC Vice Commander—a position that later was changed to Chief Staff Officer in order to more accurately reflect the revised duties of the position.

Still a physical fitness buff as he was in high school, Capt. Patterson jogs, plays tennis and golf, and enjoys square dancing as well.



BEAR WITH IT — Children at the Children's Center circus parade as bears (sans costumes) on their tricycles.

Weekend Roundup

Preparations are nearing completion for one of the annual highlights of the summer season — a Hawaiian luau that is scheduled tomorrow night at the Chief Petty Officers' Club.

This event is open to members and guests of the Commissioned Officers' Mess, and the Enlisted Mess, as well as the CPO Club. Persons interested in attending should contact the CPO Club office, phone NWC ext. 3633, regarding the availability of tickets that are priced at \$15 per person.

Festivities for this outdoor extravaganza that will be centered around the swimming pool at the CPO Club will begin with a social hour at 5:30 p.m. followed by the serving of a Polynesian-style buffet at 7 o'clock. The menu will include fish, shrimp and noodles, sweet and sour chicken, chicken and long rice, turkey and dressing, lomi lomi, poi and coleslaw.

The evening's entertainment will feature Hawaiian and South Sea island melodies and the staging of a Polynesian review by the colorfully costumed dancers, singers, and musicians of Tiare Productions, Inc., from Newport Beach, Calif.

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Members and guests are invited to an evening of dining and dancing tonight at the Enlisted Mess.

The dinner special of the evening will be steak and crab, which will be served from 6 to 9 o'clock. Music for the listening and dancing pleasure of EM patrons will be provided by Reckless, a 4-piece band from the local area, starting at 9 p.m.

Be forewarned, extensive road repairs slated

A contract in the amount of \$1,400,000 was awarded recently to the Desert Construction Co., of Victorville, Calif., for the paving of numerous streets located in the main site area of the Naval Weapons Center.

Among other things, the contract calls for installing a 1½-in.-thick pavement overlay on East Inyokern Road from the NWC main gate to the traffic circle, and also along East Inyokern Road to Richmond Road.

In addition, the troublesome section of East Inyokern Road between the main gate and the traffic circle will be widened to two lanes in both directions.

Furthermore, the heavily-traveled section of Knox Road from the traffic circle north to Blandy Avenue also will get 1½ inches of pavement overlay, and a chip seal treatment is scheduled on Blandy Avenue all the way from Sandquist Road to Essex Circle.

In addition, this same chip seal treatment will be applied on Nimitz Avenue between Knox Road and Lauritsen Road, and there will be a 1-in. thick pavement overlay on Lauritsen Road between Nimitz Avenue and Knox Road that carries traffic headed to and from the range areas and Armitage Field.

All of the new paving will be restriped to make the centerline easily visible to motorists.

A pavement rejuvenator treatment will be applied on Richmond Road from the Trona Road on the south to its intersection with Nimitz Avenue on the north.

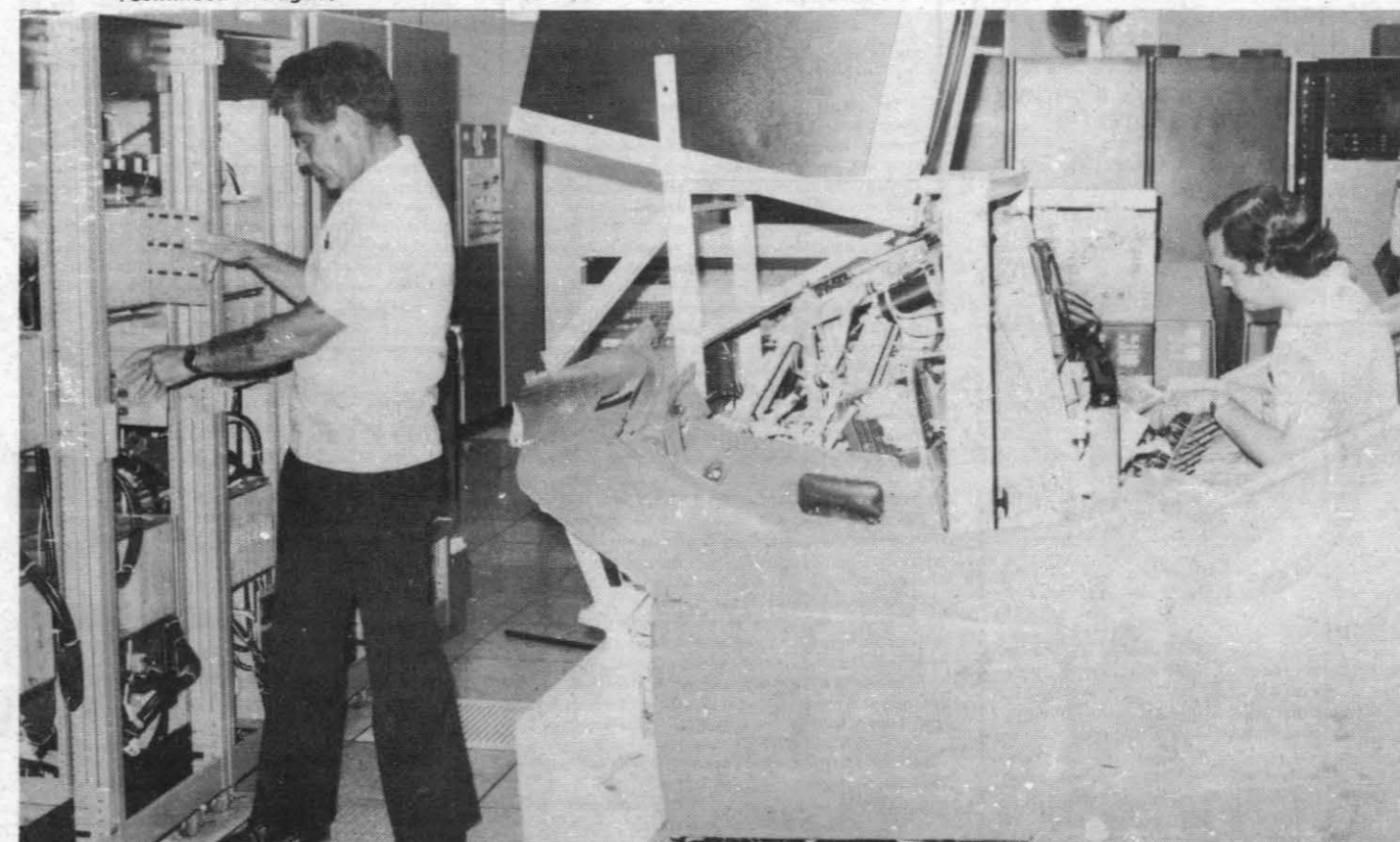
New paving or the application of rejuvenating agents to the surface of roads or parking lots also is called for in the recently-awarded contract.

Pavement overlays or slurry treatment are scheduled on parking lots at the bowling alley, the CPO Club, and the north side of Schoeffel Field, as well as those at Michelson Laboratory, the Solid State Laboratory, and the Training Center.

Work also is to be done on many of the roads and parking lots in the China Lake pilot plant area, the ranges, the airfield, Salt Wells, and Randsburg Wash. Installation of most of the new pavement will require demolition of existing curbs and the construction of new ones.

This contract is scheduled for completion in January 1983. The contractor is required to provide at least one lane of traffic at all times. At no time will a road be completely closed off without a suitable detour being provided. All traffic control devices will conform with the latest State of California manuals.

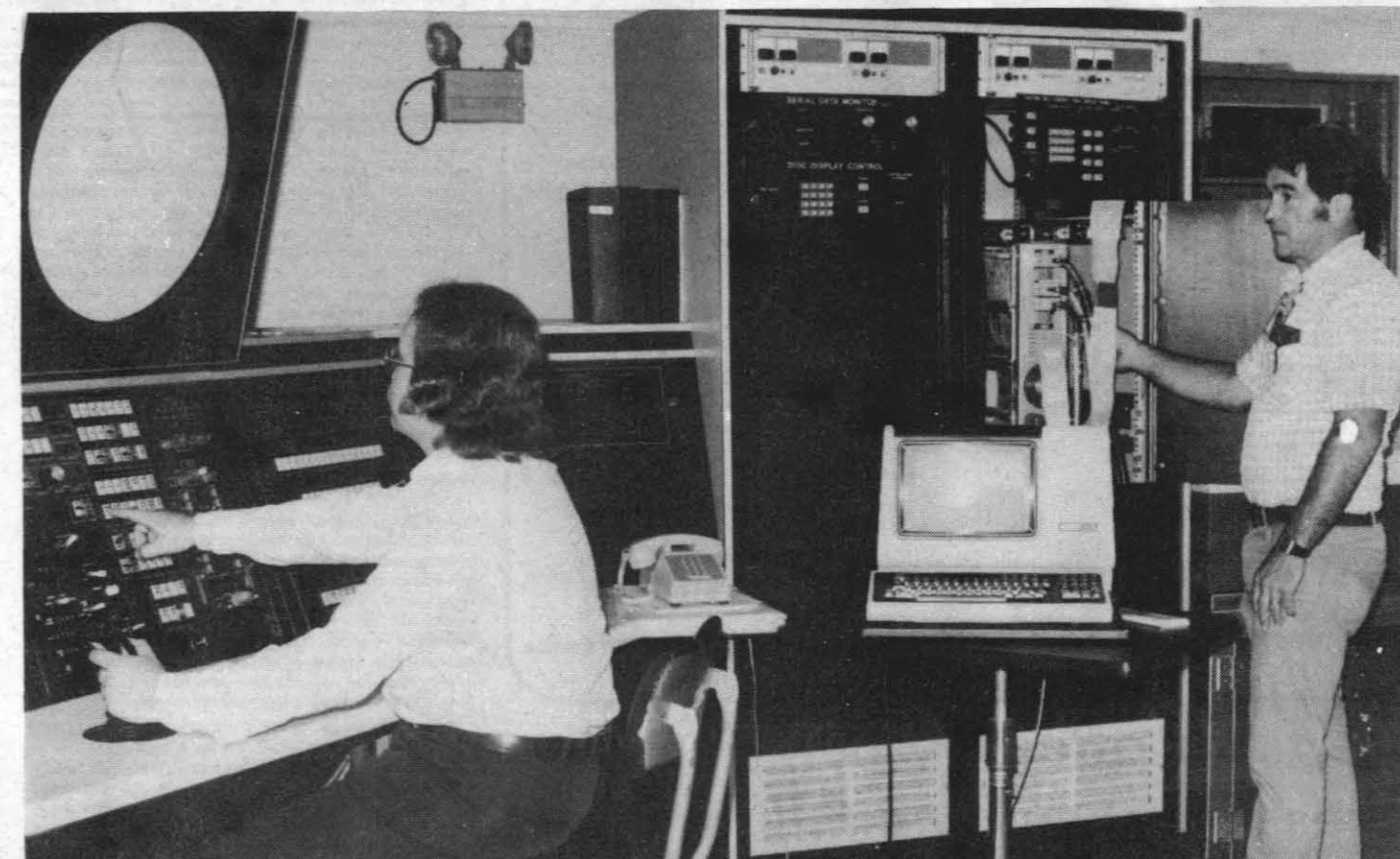
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OUT WITH THE OLD — David Stone (at right) dismantles the parts from the "Blue Whale," which is the electronic portion of the cockpit of the old A-6 simulator, while Bill Rhamy removes the simulator. —Photos by PHAA Rebecca Carpenter



NAVAL WEAPONS CENTER
CHINA LAKE
CALIFORNIA



IN WITH THE NEW — John Dancy, seated at the A-6 Navigation Work Station, "flies" the A-6 simulator while (at right) George Mills, an electronics engineer, is testing an interface to verify that correct displays are being generated on the simulator graphics.

Newly-equipped Weapon System Support Facility moves to new site in Hangar 3

The "Blue Whale" has been beached. But in its place has been installed a Weapons Work Station that, in addition to the Navigation Work Station presently operating, is the backbone of the A-6 Weapons System Support Facility (WSSF) now located in more spacious quarters on the main deck of Hangar III at Armitage Airfield.

While the "old beast" performed faithfully, its many idiosyncrasies (due in part to its early 1970 digital circuitry) caused more than a few maintenance problems for the engineers and technicians who have worked with it since it was moved here in February 1978 from the Naval Surface

Weapons Center at Dahlgren, Va.

According to John LaMarr, head of the A-6 Facility Branch (Code 3112) in the Avionics Facilities Division of the Aircraft Weapons Integration Department, the A-6 aircraft simulator was placed in operation in April 1978. At that time it consisted of the "Blue Whale," an elaborate labyrinth of wires and connections enclosed in a large, blue-colored metal cabinet (hence the name), and a two-seat cockpit from a wrecked A-6 Intruder Aircraft.

The purpose of the "Blue Whale" was to provide the interface between the avionics computer (a CP-3), other A-6 avionics systems and the simulation software.

Code 3112 personnel improved upon the "Blue Whale" by installing more modern simulation computers and incorporating improvements to the cockpit displays, the Carrier Approach Inertial Navigation System (CAINS), and the Target Recognition Attack Multisensor (TRAM) simulation software.

The primary purpose of the A-6 WSSF, La Marr explained, is to provide both a Fleet and mission-realistic environment for the development, testing, verification and validation of the A-6 aircraft's Operational Flight Program (OFP).

In addition, the A-6 WSSF provides the capability for:

- (1) Developing the tools required to support the A-6 weapons delivery system analysis, engineering, and testing.
- (2) Supporting the OFP performance analysis, problem analysis, and tactical software quality assurance.
- (3) Finding and fixing problems in a cost-effective simulated laboratory environment instead of finding problems in the Fleet or during range testing of weapons.

It is also the function of the A-6 WSSF to measure performance and reliability of the aircraft's avionics systems before their introduction into the Fleet, and provide a historical data base of weapon system performance characteristics and subsystem behavior.

The present simulation capabilities of the A-6 WSSF are now provided by an Integration Laboratory whose prime features include a SEL mini-computer system architecture and an operator's console that provides WSSF engineers and users with a cost effective, expandable and flexible facility to build upon for supporting future A-6 aircraft program objectives.

The Integration Lab's Work Stations provide weapon and avionics integration and testing with the simulation being the key element. The lab's computer generated simulations are keyed around "models" for the A-6 airframe, radars, inertial nav-

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