

FAIRTIME IN RIDGECREST — This camera's-eye view of activities that were a part of the annual Desert Empire Fair in Ridgecrest focuses in on the parade held on Saturday morning and a first-time-ever parachute jump onto the parking lot at the fairgrounds by personnel from the NWC Parachute Systems Department and other military parachutists from Edwards Air Force Base. Included in this abbreviated pictorial review of the parade can be seen the NWC Sea Cadet Squadron color guard and drill team (top left); a replica of the cruiser Los Angeles on a float

entered by the Navy Recruiting Command; local musicians who make up a popular Dixieland jazz band; the mounted color guard from the Marine Corps Logistics Support Base, Pacific, Barstow, which led the gala procession; members of the NWC Sidewinder drill team, directed by AZI Mike McClain; and (at lower right) the parade's grand sweepstakes winner — a commercial entry by Ridgecrest Moving and Storage that best carried out the parade theme, "When the West Was Fun." There were more than 130 entries in this year's parade. — Photos by Ron Allen

**MOVIES**

(G) ALL AGES ADMITTED  
General Audiences  
(PG) ALL AGES ADMITTED  
Parental Guidance Suggested  
(R) RESTRICTED  
Under 17 requires accompanying Parent or Adult Guardian

Regular starting time—7p.m.  
For synopsis information call  
Code-O Phone 939-2411

FRIDAY OCT. 5  
"OH GOD"  
Starring  
George Burns and John Denver  
(Comedy, rated PG, 110 min.)

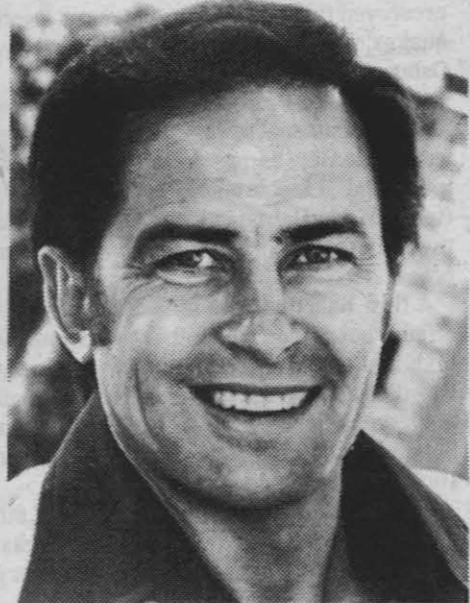
SAT., SUN., MON. OCT. 6, 7, 8  
"HAIR"  
Starring  
Treat Williams and Beverly D'Angelo  
(Rock musical, rated PG, 121 min.)

WEDNESDAY OCT. 10  
"C.H.O.M.P.S."  
Starring  
Wesley Eure and Valerie Bertinelli  
(Comedy, rated PG, 97 min.)

FRIDAY OCT. 12  
"VAN NUYS BOULEVARD"  
Starring  
Bill Adler and Cynthia Wood  
(Action drama, rated R, 103 min.)

**'Broadway Baritone' to sing at WACOM lunch on Tuesday**

A special treat will be in store for those attending a luncheon meeting of the Women's Auxiliary of the Commissioned Officers' Mess next Tuesday when they will be entertained by Ron Husmann, the "Broadway Baritone."  
Husmann has appeared in a variety of Broadway musicals with such stars as Shirley Jones and Juliet Prowse, in movies with Lana Turner, and has appeared on



Ron Husmann

many TV programs ranging from the "Steve Allen Show" to "General Hospital" and "Search for Tomorrow."

Lunch, to be held in the Commissioned Officers' Mess, will begin with a social hour at 11 a.m., and food will be served at 11:45. Cost per person will be \$3.75. Those who have not joined WACOM will be able to do so at this luncheon.

Reservations may be made by telephoning Dayle Huckins, 375-7655, or Ruth Rudeen, 375-4754. Reservations must be made today, Oct. 5.

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From: \_\_\_\_\_

To: \_\_\_\_\_

PLACE STAMP HERE

**Combined Fed'l Campaign begins Oct. 12, goal is \$120,000**

A goal of \$120,000 has been set for the Combined Federal Campaign (CFC), which will be held from Oct. 12 through 26 this year to support national and local voluntary health and welfare agencies.  
The Naval Weapons Center will be joined in the campaign by two other Federal agency activities located in Indian Wells Valley — the local offices of the U.S. Post Office and the Bureau of Land Management (BLM).

employees and military personnel will be encouraged to contribute. The drive will be under the co-chairmanship of Cdr. Gordon Carlburg of Code 3105, and Dr. Ed. Royce, head of the Research Department.  
Last year, the campaign netted just over \$114,000, but fell short of the goal of \$120,000. More than half of the money collected remained in Indian Wells Valley to support local agencies funded by the United Way. Besides the United Way of Indian Wells Valley, the CFC collects money for the

National Health Agencies and the International Service Agencies. The agencies are approved by the U.S. Civil Service Commission for on-the-job solicitation. They are:  
International Services Agencies — the International Human Assistance Program, CARE, Project Hope, the International Rescue Committee, Planned Parenthood World Population, the Save the Children Foundation, and Helen Keller International. National Health Agencies of Kern County

— The American Cancer Society, the American Diabetes Ass'n, the Cystic Fibrosis Foundation, the March of Dimes, the Mental Health Ass'n, the Muscular Dystrophy Ass'n, the National Kidney Foundation, the National Multiple Sclerosis Society, the National Society for the Prevention of Blindness, and  
The United Cerebral Palsy Ass'n, the Arthritis Foundation, the National Society for Autistic Children, the National

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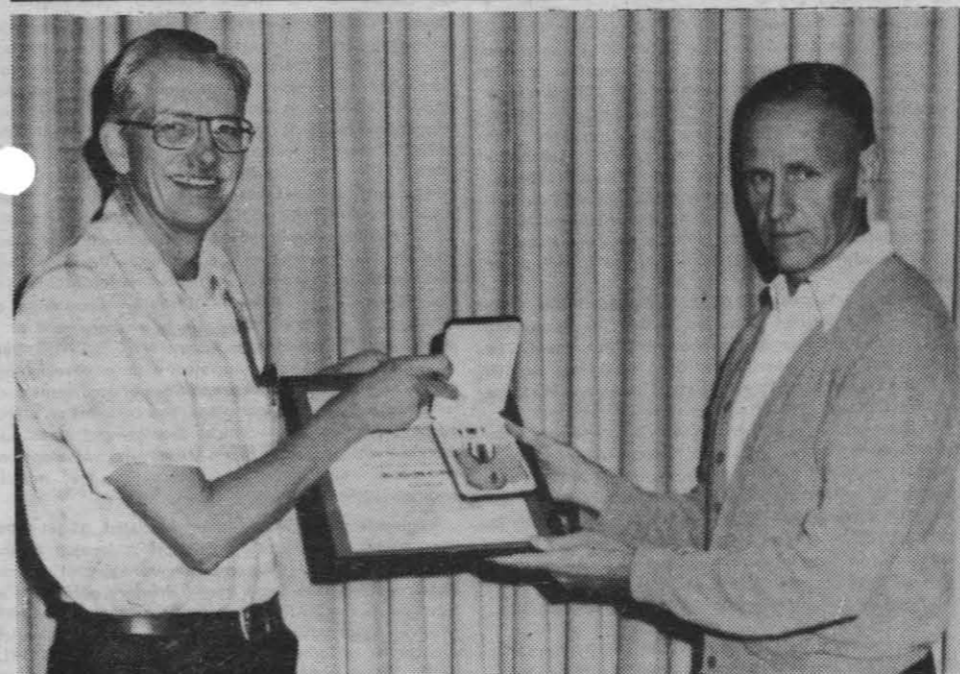
**nwc rocketeer**

Naval Weapons Center  
China Lake  
California

October 5, 1979  
Vol. XXXIV, No. 40

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PRESTIGIOUS AWARD — Dr. Harold E. Bennett brought honor to himself and the Naval Weapons Center by being singled out to receive the Capt. Robert Dexter Conrad Award for Scientific Achievement for 1979. Presentation of the engraved plaque and gold medal which comprise the award was made by Capt. William H. Haff (at right), NWC Commander, during the Commander's meeting this past Monday morning. — Photo by Ron Allen

**Prestigious Navy Dept. award for scientific achievement presented to Dr. Bennett**

Presentation of the Capt. Robert Dexter Conrad Award for Scientific Achievement to Dr. Harold E. Bennett, associate head of the Physics Division in the NWC Research Department, highlighted the weekly Commander's meeting held Monday morning in the Management Center of Michelson Laboratory.

Agency (DARPA), all three branches of the military services and the Department of Energy.

This prestigious award, which honors the memory of a Navy officer who was a primary architect of the Navy's basic research program and head of the Planning Division of the Office of Naval Research at the time of its establishment, is presented annually in recognition of outstanding technical and scientific achievement in research and development for the Department of the Navy.

The work began with a modest grant from DARPA, whose officials recognized that Dr. Bennett's work over the last decade had given rise to a unique research and development capability at the Naval Weapons Center — making it possibly the only place in the country where DARPA's program needs could be fulfilled.

The award was presented by Capt. William B. Haff, NWC Commander, on behalf of the Secretary of the Navy. It included a gold medal and an engraved plaque, and was accompanied by endorsements from both James H. Probus, Director of Navy Laboratories, and Capt. Haff.

Under Dr. Bennett's guidance, this work grew to a large DARPA program for research in several aspects of laser mirror and window technology.

All the while this work has had continuing support from NWC itself (Independent Research), as well as from the Naval Air Systems Command and the Naval Sea Systems Command. The overall result has been to give NWC a strong tie-in to a new area of technology related to advanced

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**Nominations sought for annual Fed'l Women's Program awards**

Nominations are now being sought for four categories of awards that will be presented at the annual Federal Women's Program (FWP) awards banquet to be held at the Naval Weapons Center on the evening of Wednesday, Nov. 28.

In order to give the selection committee ample time to consider the qualifications of the nominees, all nominations must be received by the Equal Employment Opportunity Office (Code 008) before the end of the working day on Wednesday, Oct. 17.

**Contract awarded for widening main gate vehicle access**

A contract for work that will cost \$104,000 has been awarded to the Desert Construction Co. of Victorville for a street construction job that involves the widening of the vehicle access into the main gate of the Naval Weapons Center.

Forms to be used in submitting nominations can be obtained from EEO Coordinators, or requested by calling the EEO Office at NWC Ext. 2348 or 2738.

In order to help alleviate the rush hour traffic tie-ups that occur, a third lane for inbound traffic is to be added, as well as an 8 ft. bicycle lane.

There are three categories of individual awards that will be presented on Nov. 28, in addition to a perpetual trophy to a department at NWC that continuously has shown support for the Federal Women's Program.

When this work is completed in August 1980 there will be no necessity for motorists entering the NWC main gate to merge with inbound traffic on Inyokern Rd., unless their destination is Armitage Airfield.

This is expected to speed up entry onto the Center at the start of the working day and during the noon hour, especially, and help to eliminate long lines of traffic that pile up on both N. China Lake Blvd. and Inyokern Rd.

In addition, the third lane for northernmost traffic eastbound from the NWC main gate is to be extended further east along Inyokern Rd. as an assist to vehicle operators headed in that direction at the noon hour or after work, since outbound traffic sometimes piles up on that side of Inyokern Rd.—China Lake Blvd. exit as well.

FWP awards for 1979 will be presented to one or more women who have made significant contributions to their field of science or engineering, as well as to one or more women who have made significant contributions in technician positions.

In addition, there will be awards to deserving individuals who have contributed greatly to and supported the FWP.

The criteria upon which selection of the award winners will be based is as follows: Science and engineering award — candidates must have shown a commitment to their profession and have approached each new task with enthusiasm. Cooperation with others within or outside their profession also is essential, and these women also may have applied for or received patents for their work, or they may have published or presented papers in the local or national scientific or engineering communities.

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**Proposal received for Coso geothermal area development**

A single proposal for development of the geothermal energy resource in the Coso area of the Naval Weapons Center was received last week by the Western Division of the Naval Facilities Engineering Command (WESTDIVNAVFAC) at San Bruno, Calif.

**Basin for Award**

Dr. Bennett was cited for (1) his pioneering achievements in the field of physical optics that have contributed to the basic understanding of optical phenomena and materials, (2) outstanding leadership in science that has contributed to the international stature of the Naval Weapons Center and the Navy laboratory system as a whole, and (3) technical contributions that have advanced the state of the art in military optical systems and provided standards of excellence and precision adopted by the optical industry.

The proposal was submitted by the California Energy Corp., an engineering management firm with home offices in Santa Rosa. A participant in the proposal is Balfour Beatty, an English architectural and engineering firm.

Dr. Bennett, a physicist who has been employed at China Lake for the past 23 years, was singled out as the 1979 recipient for his efforts over a lengthy period of time spent almost entirely in the Navy research establishment.

An evaluation of the technical proposal, which is the first part of a two-part proposal, is now being conducted by an eight-man team headed by Cdr. Q. E. D. Lewis, CEC, USN, of WESTDIVNAVFAC.

**Area of Specialization**

The nomination of Dr. Bennett for this honor was based, in part, on the development of a "unique center of excellence" in the physical optics of surfaces — a speciality in which the honoree has garnered impeccable credentials.

Members of the team include Dr. Carl F. Austin, head of the Geothermal Utilization Division in the Public Works Department at NWC, and Thomas M. Dodson, NWC Environmental Protection Officer.

With the advent of laser technology, the work of Dr. Bennett and his group has become of significant, even critical, importance to the successful use of laser technology in military systems.

The evaluation team is rounded out by representatives of the Naval Facilities Engineering Command in Washington, D.C.; other WESTDIVNAVFAC personnel, and a representative of the Department of Energy.

Over the past seven years, under Dr. Bennett's guidance, a major program in laser optical components has evolved. This effort now has the financial support of the Defense Advanced Research Projects

The initial evaluation of this first part of the two-part proposal may be completed as early as next week. If the technical proposal is determined to be acceptable, the contractor will be invited to submit his pricing proposal.

**CPO Club**  
The "Sounds of Country," a versatile group that plays everything from rock to country-style music, will be performing for the entertainment of members and guests at the Chief Petty Officers' Club tonight and Saturday from 9 to 1 a.m.  
On the menu tonight is prime rib and cod, which will be served from 6 to 9 o'clock. On Saturday evening, the dining room special will be surf'n turf served from 6 to 8:30.  
The CPO Club would like to remind all members about the "Oldies but Goodies" night that is scheduled next Friday, Oct. 12. The music for that evening will be provided by disc jockey Bill Coy and his Blue Jeans Disco, who will be spinning platters reminiscent of the 1950s.  
Prizes will be awarded to the best dance couple on the floor, and also for those most suitably dressed for this evening patterned after party times of nearly three decades ago.



**Enlisted Mess**  
Tonight the Enlisted Mess will be presenting "The Moonlight Express", a rock music group from the Los Angeles area.

Entertainment will begin at 9 p.m. and continue until 1:30 a.m. A seafood plate will be served in the EM dining room from 6 to 8 o'clock.  
During the month of October the EM has scheduled disc jockey Bill Coy and his Blue Jeans Disco from 8 to 11:30 p.m. every Wednesday and Thursday for the listening and dancing pleasure of its patrons.

**Commissioned Officers' Mess**  
Tonight is seafood night at the Commissioned Officers' Mess. Dinner will be served from 6 to 9 p.m.  
After dinner, the COM invites its members and guests to stay on and dance to recorded disco music from 8 to midnight.  
On Oct. 12, the COM has planned another gala "Membership Night."  
On stage for this festive occasion will be the "Ball of Fire," a four-piece band from Los Angeles that plays everything from pop to rock.  
The menu for the evening will be baron of beef served from 6:30 to 9 o'clock. The price for this special event is \$4 for members and their spouses and \$5 for guests.  
Reservations, which are a must for this occasion, can be made by calling the COM office at 446-2549.  
Be on the look-out in next week's ROCKETEER for details about a special evening that is coming up at the COM on Friday, Oct. 26.





