

Gem, mineral show planned this weekend at Community Center

The annual show presented each fall by the Indian Wells Gem and Mineral Society will be held tomorrow and Sunday at the Community Center. This event will be open to the public from 10 a.m. to 10 p.m. on Saturday and from 10 a.m. to 6 p.m. on Sunday.

Displays of minerals from the local area and from various areas around the world as well, will be featured. In addition, many cases of hand-crafted silver jewelry will attest to the popularity of this hobby activity and the talent of local artisans, Craig Rae, the show's general chairman stated.

Not only will the prized items of adult members of the Indian Wells Gem and Mineral Society be shown, but youngsters who participate in the activities of the Valley Pebble Pups (a program directed by Royal Gould) also will exhibit their treasures.

At 2 p.m. each day, Ramona Orton will demonstrate her talent as an artisan known for her work with both silver and stone.

Ed Wagner, another local resident, will be at the show on Saturday night and all day on Sunday. He will show his skill at making Indian arrowheads and also will demonstrate the art of "black light painting."

New this year will be a special display for the blind that has been arranged by Peggy Murphy. It will offer those with only partial sight or no sight at all the opportunity to feel the shapes of many rocks and crystals.

Field Trips Planned For those who like to get out and hunt or dig for their own rock and mineral specimens, field trips are scheduled to Rainbow Ledge (south of Ridgecrest) and to the Lava Mountains (east of Red Mountain) starting at 10:30 a.m. on Saturday.

According to Dick Compton, field trip chairman, a very pretty jasp-agate can be found at Rainbow Ledge, while the Lava Mountains are a source of a variety of agatized materials.

Two field trips, both starting at 10:30 a.m., also are planned on Sunday. The destinations will be Sheep Springs (south of Inyokern), where black moss agate is found, and Honey Hill (south of the Pinnacles in Searles Valley). The prime attraction at the latter location is honey onyx.

For those unable to go on the field trips, there will be sales booths manned by Indian Wells Gem and Mineral Society members at which show patrons can purchase a variety of minerals, lapidary materials and jewelry.

A snack bar where cakes, pies, sandwiches and soft drinks will be sold will be in operation during the gem and mineral show, which is open to the public free of charge. Advance arrangements have been made for visitors to come on board the Naval Weapons Center during show hours.



POPULAR FEATURE OF GEM, MINERAL SHOW — Field trips, four of which are planned tomorrow and Sunday, are a popular feature of the Indian Wells Gem and Mineral Society's annual show. In the areas that will be visited, field trip participants can find samples of gemstones on the surface. Some persons (like those shown above) prefer to go out prepared to dig in the hope the extra work they put into their search will pay off with greater rewards. — Photo by Dale Riggin

Renaissance Arts Festival scheduled tomorrow to benefit Sunshine House

Cerro Coso Community College will be the setting tomorrow for the third annual Renaissance Arts Festival, an event sponsored by Sunshine House, local activity center for the handicapped.

The festival will open at 10:30 a.m. and continue until 4 p.m. Focal point of this gala affair will be the college Student Center, which will serve as the marketplace for local artists and artisans who will be offering paintings, ceramics and weavings, as well as a wide variety of other handcrafted items for sale.

In addition to a colorful array of fine arts and crafts, there will be continuous entertainment in keeping with the renaissance era theme of this yearly fete, and tempting homemade food will be on sale.

Sunshine House merchants will hawk their quick breads, pies, cider and various delicacies, while the fragrance of the always popular hot scones fills the air.

The terrace and green which adjoin the college Student Center will provide additional space for numerous other activities by a varied and unusual group of entertainers, who have been assembled to participate in the Renaissance Arts Festival.

Belly dancers, tumblers and madrigal singers will perform, and there will be musical entertainment by the Sierra Winds Recorder Group, by guitarists and singers

Laurie King and Lynn Hartzell, and by the talented Ralph Schwarzbach family, whose members will present scenes from Shakespeare.

This colorful event is being staged for the dual purpose of raising money needed to help carry on the program at Sunshine House and acquainting the general public with who is involved and what is being done at this activity center for the handicapped.

New Feature This Year A new feature of this year's festival has been made possible by the volunteer assistance of auctioneer Bob Preul, who, from noon to 1 p.m., will conduct an auction sale of such non-medieval articles as an American Indian basket, ceramics work, a Guatemalan wall hanging, antique lace, gift certificates from local merchants, and other items donated by local residents.

Children have not been overlooked in the plans for this event, since there will be races, games and a fishing booth for their enjoyment.

The proceeds from the auction, the sale of refreshments, and a percentage from the sales of arts and crafts sales donated by the artists, will be used to help meet the needs of handicapped residents of the Indian Wells Valley in new and improved ways.

Final performances of stage play set tonight, tomorrow

The final two performances of Neil Simon's comedy, "God's Favorite," will be presented at 8:15 tonight and tomorrow night in the Burroughs High School lecture center. The play is being presented by members of the Sierra Sands Adult School F.U.N. (Flamboyant, Unabashed, Night-time) Theatre group, directed by Alan Kubik.

Tickets for the performances are priced at \$2 for all. They may be purchased from members of the cast, at the Sierra Sands Adult School Office on the Burroughs campus, or at the lecture center box office before each performance.

The play is a tongue-in-cheek parody of the Biblical Book of Job. It was called "An uproarious morality play for a secular age" by the Christian Science Monitor.

The cast is headed by Eduardo Romero. Others playing leading roles are Pat White, Kathy Schimpf, Lisa White, Myrtamary White, Sue Cutler, Martin Dorrell, and Ralph Vuono.

Concert by college, community orchestra scheduled Sunday

A concert by the Cerro Coso/Desert Community Orchestra, which will be open free of charge to the public, will be presented on Sunday, starting at 3:30 p.m., at the college lecture center.

The orchestra is directed by Gordon Trousdale and the featured vocal soloist will be Marlys Melsted, who will sing Grieg's "Solveig's Song" from "Peer Gynt."

Selections to be played by the orchestra are "Entry of the Gladiators" by Fucik, Rimsky-Korsakov's "Tsar Sultan," Grieg's "Norwegian Dances 1, 2 and 3," the "Overture to Iphigenia in Aulis" by Gluck, and Percy Grainger's "Molly on the Shore" and "Irish Tune from County Derry."

Obtaining instrumental music for this concert program was made possible by funds provided by the Recording Companies of America through the Music Performance Trust Fund—a public service organization created under an agreement with the American Federation of Musicians.

For those who wish to join other backers of the Cerro Coso/Desert Community Orchestra, yearly memberships will be available at the door prior to Sunday afternoon's concert.

EM slates disco dances

Dancing to the music of Blue Jean Disco will be featured tonight and tomorrow night from 9 to 1:30 a.m. at the Enlisted Mess.

A special prime rib dinner for \$6.90 per person heads the menu selections on Friday night only.

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—7:30 p.m.

FRIDAY Nov. 3
"Big Time" (103 min.) Christopher Joy borrows money from the mob to pay for his father's hospital bills and to support his mother. He repays his debt by running a phony insurance business. (Drama, rated R)

SATURDAY Nov. 4
"Return from Witch Mountain" (100 min.) Denver Pyle pilots his nephew, Ike Eisenman, and niece, Kim Richards, by flying saucer to the Pasadena Rose Bowl. The youngsters and Pyle are from another planet and possess supernatural powers, which they utilize to prevent villains Betty Davis and Christopher Lee from kidnapping, robbery and obtaining a \$5 million dollar ransom. (Comedy, rated G)

MONDAY Nov. 6
"The Perfect Killer" (92 min.) Lee Van Cleef avoids serving a prison sentence for an unsuccessful robbery by becoming a hired killer for the syndicate. He fires of violence and tries to change his way of life. (Drama, no rating available)

WEDNESDAY Nov. 8
"The Serpent's Egg" (120 min.) In Berlin in 1923 David Carradine a former trapeze artist turned drunk, seeks out his brother's ex-wife, Liv Ullman, when his brother commits suicide. When the police try to link him with the suicide and other strange deaths, he feels the rise of anti-Semitism engulfing the country. (Historical drama, rated R)

Program subject to change without notice. For further information call NWC ext. 3097 or ext. 2411.

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A HAUNTING WE WILL GO — Tiny ghosts, goblins, and witches enrolled at the China Lake Nursery School donned their costumes Tuesday for their annual Halloween parade, which was followed by a party featuring a Halloween pinata, carved pumpkins, a haunted house, and the appropriate cupcakes and candy provided by mothers of the children. — Photo by Ron Allen

nwc rocketeer

Naval Weapons Center
China Lake
California

November 3, 1978

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NWC honored by visit of Chief of Naval Operations



CNO WELCOMED — Admiral Thomas B. Hayward, Chief of Naval Operations, chats with Rear Admiral William L. Harris, NWC Commander, and Bob Hillyer, NWC Technical Director, as they proceeded to a briefing at Hangar 1 on Tuesday evening. — Photo by Ron Allen

The Naval Weapons Center was honored this week by the visit of Admiral Thomas B. Hayward who, on July 1, 1978, became the 21st Chief of Naval Operations.

Admiral Hayward brought to his present position broad experience in command of major Fleet units, an extensive background in Navy program planning and management, and a long and distinguished career in naval aviation, including fighter pilot experience in Korean War and Vietnam combat operations and duty as a test pilot.

Before assuming his present duties, Admiral Hayward served for two years as Commander in Chief, U.S. Pacific Fleet. The CNO flew here from Los Angeles where he was the speaker at a meeting of the National Security Industrial Association, an organization composed of representatives of defense contractors.

Immediately upon his arrival at around 5:30 p.m. Tuesday at Armitage Field, he was welcomed aboard by Rear Admiral William L. Harris, NWC Commander; Bob Hillyer, Technical Director, and senior Navy officers, and then escorted to Hangar 1.

There he was met by Capt. L. E. Giuliani, Commanding Officer of Air Test and Evaluation Squadron Five (VX-5), who quickly outlined how the squadron carries

out its mission of conducting operational evaluations of attack air-to-ground weapons and weapons systems, and electronic countermeasures. In addition, VX-5 personnel develop and evaluate tactics for using these weapons.

One of the special projects examined on the VX-5 hangar deck was the A-7 forward looking infrared (FLIR) system, which is scheduled for its operational evaluation by VX-5 in the near future.

VX-5 Officers Discuss Work

Presentations about specific programs and projects of VX-5 were given by LCDr. Bob Nordman, one of the squadron's Fleet liaison officers, who also is the operational test director for the A-7 FLIR project, and by Lt. Mike Vogt, another VX-5 Fleet liaison officer and operational test director.

Admiral Hayward began the day on Wednesday in the Center theater where he held a 35-min. question and answer session with enlisted personnel in grades E-4 through E-9 and officers from the Naval Weapons Center and tenant commands.

The next stop on his itinerary was the management center of Michelson Laboratory where the CNO was given a management and technical overview of the Center by RAdm. Harris and Hillyer, and also listened to a report summarizing the geothermal assets in the Coso Known Geothermal Resource Area and efforts that are underway to develop the potential of this area as an alternate source of electrical energy.

CNO Visits Michelson Lab

While in Michelson Laboratory, Admiral Hayward visited several areas within the large building in order to learn more about on-going technical developments.

At one of his stops, Mark Stenger, head of the Electronics Branch in the Weapons Department, presented a brief description of the history and development of the Sidewinder air-to-air missile, concentrating on the AIM-9M version of the missile which is currently under development here.

Stenger's remarks were augmented by a demonstration of some of the design features of the AIM-9M, a look at portions of the hardware itself, and a report on results of field testing and air-to-air firings of the missile.

(Continued on Page 3)

Environmental report slated on Coso area geothermal leasing

The U.S. Department of the Interior's Bureau of Land Management recently announced the award of a contract for preparation of an environmental statement on geothermal leasing in the Coso Known Geothermal Resource Area (KGRA) — a portion of which is located in the Naval Weapons Center's northern range sector.

geothermal leasing or potential development.

The Coso area encompasses some 80,640 acres. Of this total, about 50,000 acres are on Navy lands and 30,000 on public lands administered by the Bureau of Land Management. The BLM will handle sale of geothermal leases on the Naval Weapons Center under a cooperative agreement between the two agencies.

Any subsequent development would be under the supervision of the U.S. Geological Survey.

Ed Haste, California director of the

Rockwell International of Newbury Park, Calif., was awarded the \$677,661 contract to collect data on the natural resources of the area, prepare technical reports, and produce the first drafts and final environmental statements prior to any

NWC to observe 35th anniversary

Next Wednesday the Naval Weapons Center will celebrate its 35th anniversary.

In the 35 years since its founding, the Naval Ordnance Test Station (NOTS), now the Naval Weapons Center, has played a leading role in providing essential military hardware to the Fleet and to the Department of Defense.

To celebrate the Center's founding, and at the same time to recognize the 15th anniversary of the City of Ridgecrest, also celebrated this month, representatives from NWC and Ridgecrest will sign a joint proclamation marking the occasion.

Also planned for the Center's anniversary celebration is a special anniversary insert which will appear in next Thursday's edition of the ROCKETEER.

Special static displays depicting important events in the history of the Center will be exhibited on Wednesday and Thursday, Nov. 8 and 9, in the lobby of Michelson Laboratory, in the Commissioned Officers' Mess, the Chief Petty Officers' Club and the Enlisted Mess.

Slide presentations highlighting the development and history of the Center will be shown during the lunch hour on Wednesday at both the COM and at the EM, and the same presentation will be shown continuously in the Michelson Laboratory lobby during working hours and throughout the lunch hour.

The Weapons Exhibit Center, located in the Maturango Museum building on Halsey Ave., has been designated as the focal point for showing old NOTS and NWC films highlighting the myriad of programs initiated and managed by the Center since its inception in 1943.

A special event gate pass will be issued to any residents of Ridgecrest who wish to visit the Weapons Exhibit Center during its expanded hours of operation from 10:30 a.m. until 5 p.m. on Wednesday.

Center personnel are encouraged to take time to view some of the exhibits that will be made available for this special occasion.



MISSILES COMPARED — Mark F. Stenger, AIM-9M technical manager, describes for Adm. Hayward the development of the Sidewinder family of missiles. — Photo by Ron Allen



MDISL flag football tourney scheduled here this weekend

The Naval Weapons Center will host the Mojave Desert Inter-Service League's first flag football tournament, which is to be played tomorrow and Sunday at Schoeffel Field.

Six teams, in addition to the players representing NWC, are entered in the tourney, which will begin at 10:30 a.m. Saturday with a game between two Air Force teams — Norton AFB in San Bernardino and Nellis AFB in Las Vegas.

At noon on Saturday, teams representing March AFB in Riverside and nearby Edwards AFB will take the field, while the first contest for the NWC flag football players matches them against their counterparts from George AFB in Victorville at 1:30 p.m.

Also entered in the flag football tourney is a team from the Marine Corps Logistics Support Base at Barstow which drew a bye during the first round of play and is scheduled to take on the winner of the Norton AFB vs. Nellis AFB game at 6 p.m. tomorrow.

Semi-final and final games to determine the tournament championship will take place Sunday at 10 a.m. and 12 noon, respectively. Each player on the winning team will receive an individual trophy, while the team itself will take possession of the MDISL's perpetual first place trophy. There also will be a trophy for the second place team.

The NWC team will be coached by Sam Thompson, John Kennard and Tom Brophy. On offense, the 8-man squad will be led by Andy Price, at quarterback; halfbacks Randy Hendrix and Robert Ross, offensive ends Bill Lindhardt and Bob Bailey, guards Rick Booth and Barry Bunyard, and Darrel Taylor, at center.

China Lakers who will make up the defensive platoon are ends Kenneth Haynes and Mike Hosmer, guards Cliff Moreno and Gary Fecteau, linebackers Fred Schloesser, Ralph Mattox and Jose Diaz, and safetymen Robert Martinez, Brad Domine and Jim Trindle.

Head Knockers win championship of China Lake Intramural Flag Football League

Championship of the China Lake Intramural Flag Football League was wrapped up last week by the Head Knockers, who defeated the NWC squad 6-0 in a hard-hitting defensive battle at Schoeffel Field.

The victory by the Head Knockers gave them a season record of 5 wins and 1 loss, and made up for an earlier 18-6 loss to NWC by the league champions.

The defensive units for both teams were "up" for last week's title decider and the first half ended in a scoreless tie as the result not only of topnotch defensive play, but a few untimely penalties as well.

The only touchdown of the game was tallied shortly after the third quarter got underway and the Head Knockers were able to put together a 50-yd. drive in four plays. The big pay-off came on a pass from quarterback Andy Price to Greg Bishop, tight end for the Head Knockers, who made it into the end zone on a play that covered 25 yds.

On two occasions after that, the NWC squad came close to scoring, but the defense for the Head Knockers came through in the clutch. One scoring threat by the NWC squad was stopped on the Head Knockers 4



TROPHY COLLECTION GROWS — AM51 Danny Carlson, who has done a topnotch job of representing the Naval Weapons Center in 11th Naval District horseshoe pitching competition for the past three years, last week received a trophy in recognition of his efforts. The trophy, which was awarded by the Special Services Division, was presented by Bob Huey (at right), head of the Recreation Branch. In September, Carlson successfully defended his 11th ND horseshoe tossing singles championship which he won in 1977, after placing second in this event in 1976.

Ace Realty team clings to lead in Premier League

By the narrow margin of one game, the Ace Realty keglers held onto the lead in the Premier Bowling League, following Monday night's competition at Hall Memorial Lanes.

Two teams — Fisher Plastering and the Elks Lodge — are tied for second place.

High team game for the night was the 991 registered by the Raytheon Sidewinders, but high team series honors went to the Fisher Plastering squad for rolling a 2,800 total.

Top individual bowler for the night was Art Karrer, whose triple 200 series produced a three-game total of 637. His single game scores were 202, 215 and 220. Other Premier League keglers over the 600 series mark were Chuck Cutsinger (609), Thad Brightwell (606), and Ed Ranck (602).

In addition, three men posted single game totals in excess of 220. They were Roy Canfield (234), Jim Kinchloe (228), and Dick Furstenberg (224).

yd. line and, late in the game, NWC maneuvered the ball down to its opponents' 15 yd. line before giving up the ball.

Ed Timmons, defensive captain for the Head Knockers, put together the team's defensive unit which was scored on in just two of the team's six games during the season. According to quarterback Price, the defense kept the Head Knockers in every game and always kept the score close until the offense could get rolling.

In their next-to-last game of the flag football season, the Head Knockers found the going surprisingly tough in the first two periods of play against the Renegades, and had to settle for a 6-0 halftime lead.

Again it was a case of the game being controlled by the defense for both teams, quarterback Price noted, as the only tally in the first half came as the result of a pass interception and 55 yd. run by Ed Timmons, linebacker for the Head Knockers.

The touchdown was scored with a minute left to play in the first half, but the try for the PAT was no good.

This turn of events helped to build up momentum for the Head Knockers, who, (Continued on Page 7)

BHS gridders, struggling to get back into win column, lose 7-6

A football season that began with bright hopes as the result of two non-league victories by the Burroughs High School varsity gridders has now turned in the opposite direction for the Burros.

In a tough, defensive battle last Friday at Quartz Hill, the locals were edged, 7-6.

As has been the case all season long, the BHS defense performed well, but fumbles and pass interceptions ruined the Burros on offense until they were able to put together an 80-yd. drive in the fourth quarter that resulted in their only score of the game.

The undefeated BHS sophomore squad also had a rugged game on its hands at Quartz Hill, but tallied on a 60-yd. screen pass play that gave them a 6-0 win.

BHS Hosts Unbeaten Team
Tonight the BHS varsity will host the Vikings from West High School in Bakersfield, who are leading the South Yosemite League. Over the past three seasons, the Vikings have won 27 of their last 28 games, and now have a string of 19 consecutive victories under their belts.

The varsity clash at 8 p.m. will be preceded by a sophomore contest between Burroughs and West High that will get underway at 5 o'clock.

In the Burros vs. Quartz Hill varsity game, the Rebels took the opening kickoff and began to shred the BHS defensive line — sending fullback Mark Perez crashing through for nearly enough yardage for two first downs the first two times that he carried the ball.

The Rebels had moved from their own 25 to the Burros 45 when Roger Pack, defensive safety, popped up to intercept a pass thrown by Rick Valencia, the Quartz Hill quarterback.

Rebels Score First
The first quarter ended in a scoreless tie, but a fumble by Burroughs that was recovered by the Rebels at their own 37 proved to be the spark which ignited a 63-yd. touchdown drive by Quartz Hill. The Rebels, who worked the ball down to the BHS 33, tallied on a long pass from quarterback Valencia to Tanner, who outfought the Burros' defender for possession of the ball in the end zone. David Pazini booted the PAT and, with 5 min. left to play in the half, Quartz Hill led 7-0.

Tornadoes continue to set hot pace in Youth Center Soccer League National Div.

Continuing to set a hot pace against their opponents in the National Division of the Youth Center Soccer League, the Tornadoes registered a 6-0 shutout over the Kicks in the first game played last Saturday morning at Davidove Field.

The undefeated Tornadoes have outscored other teams in this division for fifth and sixth grade players 27 goals to 8 in rolling up five straight victories.

A strong start — three goals in the first quarter — was more than enough to clinch the win, but the Tornadoes also were able to tally one goal each in the remaining three periods of play.

Andy Smith's 3 goals led the Tornadoes. Other players in on the scoring were Greg Little and Ken Dekay, with Peter Hueber and Little both getting credit for assists.

Except for this one-sided contest, the other five games played last Saturday were all close, low-scoring tilts.

In the American Division (third and fourth graders), the Timbers and Strikers edged the Hurricanes and Lancers by identical scores of 1-0, while the Sting and the Rogues battled to a 1-1 tie.

Wayne Ziegler booted home the only goal in the Timbers 1-0 win over the Hurricanes, who threatened in the final quarter when there were near misses by Mike Garrett, Tommy Fallor and Brian Collie.

A goal-saving defensive effort by Kerri Corzine preserved the Strikers 1-0 win over the Lancers. Scott Piri accounted for the single goal that was scored in this game.

Near the end of the game, Paul Andrews of the Lancers led several offensive drives

Like the first period of play, the third quarter also was a scoreless affair. It opened with an exchange of fumbles on successive plays before the Burros got a short-lived drive going from their own 34 to the Rebels 40. A fumble that was recovered by Rick Garcia for Quartz Hill nipped this drive in the bud.

The next time the Burros got the ball it was on their own 13 yd. line following a fourth down punt by the Rebels. Again, just as the offense was building up a head of steam and had moved the ball out to around the 40, a pass thrown by quarterback Dave Paradise was intercepted.

The Rebels maintained possession for the remaining 1½ min. of the third quarter and for the first 4 min. of the final period as they moved the ball from their own 48 to the BHS 28. At that point a combination of tough defense by the Burros and a pair of 5 yd. penalties forced the Rebels to boot the ball on fourth down and it sailed into the end zone for a touchdown.

This set the stage for a thrilling finish to the game as the locals moved the ball 80 yds. from their own 20 to score. Ken Robinson, speedy halfback, almost turned the trick on the second play (a right end sweep) only to be cut down at the 46 by the only defender between him and the goal line.

Three plays later Mayer picked up a first down on the Rebels 43, and then added a gain of 4 to the Quartz Hill 39. Next it was (Continued on Page 7)

Over-Hill Track Club to stage 10 km run Saturday

A sizable number of local and out-of-town runners are expected to be on hand tomorrow to compete in the Over-the-Hill Track Club's fifth annual 10 kilometer race at China Lake.

Signups for the race will begin at 8 a.m., and the contestants will be off and running at 9.

The race will start and finish at the Naval Weapons Center gymnasium, and the flat, 10 kilometer course, will wind through streets of the NWC housing area.

There is an entry fee of \$2 per person, and prizes will be awarded to men and women in a number of age categories.

that came close but just missed. Sean Freyne was singled out for his outstanding play as goalie for the Lancers.

In the tie game (1-1) between the Sting and Rogues, Dan Webster tallied an unassisted goal for the Sting to keep his team in the game on offense. Defensive standouts were Paul Mantz, goalie Mike Stehr and halfback Bobby Moldenhauer.

For the Rogues, Shaw Carter was credited with the lone goal of the game. He was aided with an assist by Guy Stanton. Outstanding players for the Rogues were Eric Frisbee, the goalie, and Scott Donathan, fullback.

The Rowdies moved into second place in the Pacific Division (first and second graders) following their 2-0 win over the Express last Saturday. In the only other game played in this division, the last place Sockers surprised the undefeated Earthquakes by holding them to a scoreless tie.

Goals by Mike Downs and Barrie Riddoch insured a victory by the Rowdies over the Express team, which began to get rolling in the second half, but still couldn't break through to score.

This was the second scoreless tie played in as many weeks by the Sockers, whose goalie, David Shumway, was instrumental in keeping the previously potent Earthquakes, who have 14 goals to their opponents' 3, from scoring.

Shumway was aided on defense for the Sockers by Chris Hayden and Jeremy Osburn. What offense the Sockers were able to muster was carried by Jeremy Johnson and Matt Bachman.

CNO visits Naval Weapons Center . . .

(Continued from Page 1)

Next on the agenda for the CNO was a talk, presented by William R. Hattabaugh, head of the NWC Test and Evaluation Directorate, on the Center's test and evaluation facilities and capabilities.

Hattabaugh mentioned the kind of test work carried out at NWC, discussed the range improvement and modernization program, and briefed Admiral Hayward on what he would be seeing during a helicopter tour of the range areas that followed this talk.

The CNO was flown north over B and C ranges, the Coso geothermal area and the Coso military target range before heading south along the eastern side of the NWC ranges to see the Anti-Ship Missile Defense site located at Tower 13, the Aircraft Survivability test site, the Propulsion Laboratories and the test facility at Skytop.

The helicopter tour also included a swing over the Randsburg Wash area before the aircraft returned to land at the air field.

Upon his return to Armitage Field, Admiral Hayward spent an hour in Hangar III examining displays, watching demonstrations and hearing presentations about weapons systems hardware.

Included were reports on the High Speed Anti-Radiation Missile (HARM), the Supersonic Tactical Missile, Walleye, the Imaging Surface-to-Surface Seeker Missile, Vertical Ejection Seat and aircraft software.

Upon leaving here shortly after 1 p.m. Wednesday, Admiral Hayward headed for Monterey, Calif., where he was the keynote speaker at an All Services Human Resource Management Conference.

He was accompanied to China Lake by Cdr. Ken Johnson, aide to the CNO; Cdr. J. B. Finkelman, public affairs officer, and YN1 Luther Albright, the admiral's writer.



GROUNDWORK — Lt. Tom Van Brunt, Walleye Project Officer, briefs RAdm. Harris and Adm. Hayward on the theory and operation of a Walleye weapon adapted for an imaging infrared seeker. Shortly after Adm. Hayward's arrival Tuesday evening, he watched an actual test of the system.



BOMB VIEWED — Adm. Hayward and RAdm. Harris examine a laser guided bomb mounted on an aircraft, while Werner Hueber, head of the Aircraft Sensor and Laser Systems Division, explains its operation.



CHECKING IT OUT — Adm. Hayward gets a pilot's view of the FLIR system from the cockpit of an A-7 aircraft while LCdr. Bob Nordman, of VX-5, describes the system.



QUESTIONS ANSWERED — Adm. Hayward addressed military personnel stationed at the Center on Wednesday morning. He noted that he was impressed with the people in the Navy and the capable way in which they were getting the needed jobs done, and that he wants all Naval personnel to find satisfaction in what they are doing. The Admiral concluded his presentation by answering questions from members of the audience.

Time off for religious holidays may be covered by compensatory time

A Presidential amendment (made in September 1978) to the Title 5 pay laws provides that Federal employees may elect to work compensatory overtime for the purpose of taking time off without charge to leave when personal religious beliefs require that the employee abstain from work during certain periods of the workday or workweek.

To the extent that the efficient accomplishment of the Center's mission is not interfered with, supervisors shall attempt to accommodate an employee's request to work compensatory overtime and shall also grant compensatory time off for religious observances.

For the purposes stated above, an employee may work such compensatory overtime during the period of six weeks before or after the granting of compensatory time off.

Fair Labor Standards Act and Title 5 pay laws do not apply to compensatory overtime work performed by an employee for this purpose; that is, employees will accrue compensatory time and will not get paid for overtime worked for this purpose.

Additional information can be obtained by contacting the Employee Management Relations Division (Code 091), phone NWC ext. 2592.

CFC ★ ★ ★

Combined Federal Campaign

Give your fair share thru payroll deduction

COMBINED FEDERAL CAMPAIGN												
Percentage of Participation												
as of Wednesday, Nov. 1, 1978												
Total amount: \$110,500.												
Code 00	03	06	08	09	12	21						
Pct.	66	100	64	48	56	100	84					
Code 23	24	25	26	31	32	33						
Pct.	49	43	82	31	32	22	72					
Code 35	36	38	39	61	62	93						
Pct.	43	54	66	43	57	15	100					
Code 94	95	96	97	VX-5	PO	BLM						
Pct.	42	85	94	58								



Col. L. A. Madera

Navy Leaguers to observe Marines' 203rd birthday

The Indian Wells Valley Council of the Navy League has scheduled a dinner in honor of the 203rd birthday of the Marine Corps.

Not only Navy Leaguers, but all interested persons are invited to attend this affair, which will be held next Wednesday, Nov. 8, at the Chief Petty Officers Club. The official birthday of the Marine Corps falls on Nov. 10.

A social hour will precede dinner at 7:30, and the guest speaker of the evening will be Col. L. A. Madera, a veteran of 26 years of service in the Marine Corps, who is head of the USMC Liaison Office at the Naval Weapons Center.

Main entree of the dinner will be Cornish game hen stuffed with wild rice. The cost is \$6 per person and reservations, which are due no later than tomorrow, can be made by calling David Teasdale, Jr., Navy League president, at 375-1318, or Irene Rainey, secretary, at 377-4276.

Rainfall dampens local desert area

A low pressure area which moved in over southern California on Monday resulted in .24 in. of rain at China Lake.

According to John Gibson, weather forecaster at Armitage Field, this same low pressure system is still sitting over the southland area of the state, but is gradually weakening.

However, Gibson noted, due to another big low pressure trough that is moving south from the Gulf of Alaska, the probability of rain and snow showers in the mountains is very strong this weekend, and there is also a possibility of some rain in the lower desert elevations.



QUARTERS INSPECTED — The Naval Weapons Center's Bachelor Enlisted Quarters were inspected on Monday by (l.-r.) ATCS Gary L. Schmidt, senior chief in charge of the BEQ, who is followed by Robert Evans, Fleet Master Chief for the Naval Material Command, and Robert Walker, Master Chief Petty Officer of the Navy. The visitors, who arrived Sunday evening and remained throughout the day on Monday, were escorted during their stay at China Lake by FTCS Dave Vander Houwen (at right), NWC's Senior Chief Petty Officer of the Command.

Promotional Opportunities

(Continued from Page 4)

work involves operating a variety of receiving equipment to observe, measure, analyze and record the signals received to prevent or eliminate radio frequency interference (RFI) of range operations. **Job Relevant Criteria:** Practical field experience in basic electronics and communications; knowledge of the spectrum of radio frequencies and its application; ability to measure RF (radio frequency) by use of techniques and related equipment.

Electronics Technician, GS-554-7/8/9/10/11, PD No. 7762011N, Code 4213 — This position is located in the Radar Section, Air Operations Branch, Range Department. The incumbent is responsible for the development, modification, evaluation, calibration, operation and maintenance of complex radar systems such as trajectory or velocity measurement instrumentation equipment (i.e. AN/MSG-3A, MP5-26, M-33, CAPRI) and modified NIKE Hercules radars. **Job Relevant Criteria:** Knowledge of mono pulse radar systems, theory and hardware; ability to apply basic and advanced electronics design and development principles; knowledge of NIKE Hercules, FTS-105 radar systems as well as 54 target simulators; ability to perform corrective measures under tense conditions of testing and evaluating situations.

Aerospace Engineer, GS-841-11, PD No. E.C.-24 — The incumbent will be the project engineer on projects involving design, development, test and evaluation of aerodynamic decelerators for the recovery of personnel and cargo, and for stabilization and deceleration of various bodies in the atmosphere. The incumbent will develop new design approaches for experimental canopies and suspension systems, mechanical deployment aids, ejection seats, seat kits, ballistic ejection systems, etc. The incumbent will be required to take frequent TDY assignments to NPTF. This is a National Parachute Test Range (NPTF) position with its duty station located at China Lake, NPTF at El Centro, Calif. It is stated to be functionally transferred to NWC in the near future. Upon this completed action, the subject position will become a permanent NWC billet. **Job Relevant Criteria:** Experience in design of parachute escape and associated systems; practical field experience in test and evaluation of aerodynamic systems; ability to communicate effectively both orally and in writing.

File applications for the above with Jan Nieberlein, Bldg. 24, Rm. 204, Ph. 2577.

Secretary, GS-318-4, PD No. 7839115, Code 3903 — This position is located in the Air-to-Air Systems Office, AIM-Management. The incumbent provides financial management services, including budget planning, analysis, and policy advice to the Weapons Department and the Office of Finance and Management. Conducts study/analyses on special projects for Center and Department management. Acts as coordinator/leader for team assignments. **Job Relevant Criteria:** Knowledge of Navy Industrial Fund financial management policies and procedures; ability to conduct, complete, and present financial analyses; ability to communicate effectively, both orally and in writing; ability to work with minimal supervision.

Budget Analyst, GS-560-11/12, PD No. 7780041E, Code 9832 — This position is located in Resource Management Analyst Branch A, Budget Division, Office of Finance and Management. The incumbent provides financial management services, including budget planning, analysis, and policy advice to the Supply Department and the Public Works Department. Conducts study/analyses on special projects for Center and Department management. Acts as coordinator/leader for team assignments. **Job Relevant Criteria:** Knowledge of Navy Industrial Fund financial management policies and procedures; ability to conduct, complete, and present financial analyses; ability to communicate effectively, both orally and in writing; ability to work with minimal supervision.

Travel Clerk, GS-212-3/4, PD No. 7780074N, Code 9844 — This is a training position in the Travel and Transportation Branch of the Office of Finance and Management. The incumbent reviews travel orders; verifies entitlement; secures information from sources such as Official Airlines Guides and Train Guides; advises travelers of routes, accommodations, travel documents and related matters; issues transportation requests and meal tickets; obtains reservations and tickets; provides estimates and computes per diem, mileage and other transportation costs; issues orders and gives information for boarding military aircraft and performs other related duties. **Job Relevant Criteria:** Ability to type; ability to research and comprehend guidelines; and ability to deal tactfully with people. **Potential:** GS-5.

File applications for the above with Tina Rockdale, Bldg. 34, Rm. 204, Ph. 2674.

Supervisory Personnel Security Specialist, GS-080-7, PD No. 7484002N, Code 2411 — This position is that of supervisory personnel security specialist located in the Internal Security Branch of the Safety and Security Department. The incumbent supervises and plans the work performed by employees of the branch. He administers and plans the work of the branch in carrying out the Center Security program for passes granting clearances to all Center employees and contractor personnel, and processing official travel clearances. The incumbent budgets for the needs of the branch and is responsible for training of all subordinates. **Job Relevant Criteria:** Ability to supervise employees effectively; knowledge of policies and procedures in the area of security administration; ability to communicate effectively orally and in writing; experience in the area of office administration and management.

Clerk-Typist, GS-223-3/4, PD No. 7435052N, Code 3593 — This position is that of clerk-typist located in the Plans and Programs Office, Countermeasures Division of the Electronic Warfare Department. The incumbent types a variety of administrative correspondence and technical reports from primarily handwritten rough drafts. All documents are typed in conformance with established Navy format. The incumbent will perform other clerical duties such as making travel arrangements, preparing travel orders, preparation of time cards, and receiving and directing visitors. **Job Relevant Criteria:** Ability to type accurately and efficiently; knowledge of Navy correspondence regulations and format; ability to work independently. Observed ability to be tactful and courteous.

Secretary (Dictating Machine Transcribing), GS-318-5, PD No. 7335088N, Code 355 — This position is that of secretary (DMT) located in the Countermeasures Division of the Electronic Warfare Department. The incumbent prepares correspondence from hand-written drafts or from a dictating machine. She reviews all out-going division correspondence for procedural and grammatical accuracy before submitting it for her supervisor's signature. The incumbent assembles information to be used in meeting, conferences and program reviews by the division head. She performs receptionist duties for the division office and distributes mail and documents. She instructs the branch secretaries in policies and procedures pertaining to correspondence. **Job Relevant Criteria:** Ability to type accurately and efficiently; experience in transcribing from dictating machines; knowledge of correspondence policies and procedures; ability to exercise tactfulness and courtesy; observed supervisory potential.

Administrative Assistant, GS-341-7/9/11, PD Nos. 7435025, 7435139, 7435084E, Code 35402 — This position is in the Microwave Development Division of the Electronic Warfare Department. This division conducts analysis, applied research, design and development of electronic

9M Technical Management Office, Weapons Department. The incumbent provides a variety of duties for the Supervisor such as maintaining and setting up appointments and meetings; receiving and screening visitors and phone callers; receiving, opening and screening all mail; reviewing all outgoing correspondence for proper format and typographical errors; and arranging for travel. Incumbent receives handwritten drafts for final form and types a variety of correspondence, reports and memoranda. **Job Relevant Criteria:** Ability to type efficiently and accurately; a thorough working knowledge of grammar, spelling and punctuation; ability to work independently and exercise personal judgment and diplomacy; familiarity of proper format for all types of Navy correspondence. Status eligibles accepted.

Clerk-Typist, GS-223-3/4, PD No. 7739001N, Code 3943 — This position is in the Optical Signatures Branch, Electro-Optics Division, Weapons Department. The incumbent provides a variety of duties for the branch such as maintaining and setting up appointments and meetings; receiving and screening visitors and phone callers; receiving, opening and screening mail; making travel arrangements; maintaining timekeeping and leave records; maintaining branch files; receiving and returning classified documents; typing memoranda, correspondence and technical reports. **Job Relevant Criteria:** Ability to perform a variety of clerical and secretarial functions; ability to type with speed and accuracy, and knowledge of correct English grammar and spelling. Status eligibles accepted.

File applications for the above with Leah Reusche, Bldg. 34, Rm. 204, Ph. 2723.

Budget Analyst, GS-560-12, PD No. 7780041E, Code 9832 — This position is located in Resource Management Analyst Branch A, Budget Division, Office of Finance and Management. The incumbent provides financial management services, including budget planning, analysis, and policy advice to the Weapons Department and the Office of Finance and Management. Conducts study/analyses on special projects for Center and Department management. Acts as coordinator/leader for team assignments. **Job Relevant Criteria:** Knowledge of Navy Industrial Fund financial management policies and procedures; ability to conduct, complete, and present financial analyses; ability to communicate effectively, both orally and in writing; ability to work with minimal supervision.

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Administrative Assistant, GS-341-7/9/11, PD Nos. 7435025, 7435139, 7435084E, Code 35402 — This position is in the Microwave Development Division of the Electronic Warfare Department. This division conducts analysis, applied research, design and development of electronic

warfare and reconnaissance-related systems. The incumbent of this position is responsible for the administrative functions of the division with particular emphasis on budgetary planning, fiscal control, and major procurements planning. **Job Relevant Criteria:** Knowledge of NWC organization, mission and goals; knowledge of Government fiscal processes to include NIF activity internal accounting procedures; skill in processing, analyzing, and interpreting quantitative data; experience in dealing with administrative procedures and regulations; ability to plan ahead, make decisions quickly, and to have a high degree of adaptability. **Promotion potential:** GS-11.

File applications for the above with Charlotte Siewkowski, Bldg. 34, Rm. 204, Ph. 3118.

Computer Specialist, GS-234-11, PD No. 7831147, Code 3194 — The incumbent is responsible for configuration control and quality assurance aspects of software management. The incumbent shall participate in the development of software specifications whenever required; shall review all test plans, test procedures, and test reports for tactical software to ensure that all specified software performance has been tested for and achieved. Incumbent shall present expert opinion to the Software Change Review Board. The incumbent shall participate in the establishment of documentation requirements and the delivery schedule for all data items pertaining to project software. Incumbent shall prepare computer programs related to the validation and acceptance of tactical software. **Job Relevant Criteria:** Computer programming experience including: assembly language, COBOL, fixed point, floating point, real-time, and software operating systems; thoroughly familiar with the binary, octal, decimal, and hexadecimal number systems and their use relative to computer applications; thorough knowledge of the basic programming skills including flowcharting, program design, coding, and debugging techniques. **Promotion potential:** GS-12.

Electronics Technician, GS-554-9, PD No. 7831148, Code 3144 — **Promotion Potential:** GS-11. The incumbent of this position is responsible for interface design and installation required for integration and evaluation of improvements and modifications to the A-7 Navigation and Weapon Delivery System (NWDS). Responsibility of the position includes maintenance of avionics equipment and systems in A-7 project aircraft. Incumbent assists in the evaluation of proposed additions and/or changes to the NWDS. This involves test definition, instrumentation preparation and coordination with test support groups. **Job Relevant Criteria:** Extensive knowledge and experience in the construction, functional performance and operational use of avionics; experience in maintenance of avionics equipment, specifically in the Navigation and Weapon Delivery System in the A-7 project aircraft and systems integration; experience with avionics equipment and experience in maintenance and system integration of avionics equipment in NWDS A-7 project aircraft.

Audio-Visual Production Specialist, GS-107-1, PD No. 7832019-1E, Code 322 — **Promotion potential:** GS-11. This position is located in the Presentations Division, Technical Information Department. The incumbent writes and plans visual aspects of audio-visual presentations on NWC programs and facilities, conveying pertinent information to management and technical personnel. Recommends the most appropriate media and conducts literature searches and interviews to obtain information. Organizes presentation data and writes script. Works with photographers, illustrators, motion picture and TV production specialists. **Job Relevant Criteria:** Ability to write audio-visual presentation scripts; knowledge of NWC programs and supporting technology; skill in interpersonal relationships with all levels of NWC employees; knowledge of audio-visual presentation techniques.

Mechanical Materials/Aerospace Engineer, GS-230/234, 841-9/11/12, PD No. 7831144, Code 3183 — This position is interdisciplinary. This position is located in the Systems Survivability Branch of the Survivability and Lethality, Air Targets Division, Systems Development Department. The incumbent conducts studies, experiments and analysis of aircraft structural materials to reduce their vulnerability to combat damage. Particular emphasis is on advanced composite materials and metallic materials' response to inflight and ground fires and ways to improve fire tolerance. **Job Relevant Criteria:** Knowledge of aircraft materials; ability to design using advanced composites; ability to conduct tests and analyze data; knowledge of fire testing.

Interdisciplinary, GS-9/11/12, PD No. 7831096, Code 2142 — This position is interdisciplinary in any of the following series: Mathematics, GS-1200; Physics, GS-1310; Electronics Engineer, GS-855. It is located in the A6/7 Simulation Branch, Avionics Division, Systems Development Department. The incumbent is responsible for the specification, design, testing, and day-to-day operation of the A-7 Simulation Facility. This includes hardware and software development, scheduling, providing facility demonstrations, and coordinating contractors for maintenance. **Job Relevant Criteria:** Ability to develop computer simulation systems, knowledge of FORTRAN and assembly languages, ability to perform systems analysis, knowledge of real time processing. Applications will be accepted from status eligibles.

Mathematician, GS-1200-9, PD No. 7831142, Code 3181 — This position is located in the Survivability Evaluation Branch, Survivability and Lethality, Air Targets Division, Systems Development Department. The incumbent participates in planning to determine the approaches to be used in warhead lethality, aircraft survivability and safe separation studies. The incumbent performs specific aspects of analyses usually requiring selection and application of standard mathematical methods and computer programs. The incumbent is required to write and validate computer programs involving ordnance effectiveness for warhead lethality and aircraft survivability analyses. **Job Relevant Criteria:** Experience in digital systems and real time computer programming; background in analysis of weapons systems and FORTRAN; working knowledge of analytical methodologies and computer programs of warhead terminal end games (ATTACK and/or REFMOD) and safe separation programs.

Interdisciplinary — Mechanical/Aerospace Engineer, GS-230/234, 841-9/11/12, PD No. 7831142, Code 3183 — This position is located in the Systems Survivability Branch of the Survivability and Lethality, Air Targets Division, Systems Development Department. The incumbent conducts studies, experiments and analysis of aircraft structural materials to reduce their vulnerability to combat damage. Particular emphasis is on advanced composite materials and metallic materials' response to inflight and ground fires and ways to improve fire tolerance. **Job Relevant Criteria:** Knowledge of aircraft materials; ability to design using advanced composites; ability to conduct tests and analyze data; knowledge of fire testing.

Interdisciplinary — Mechanical/Aerospace Engineer, GS-230/234, 841-9/11/12, PD No. 7831142, Code 3183 — This position is located in the Systems Survivability Branch of the Survivability and Lethality, Air Targets Division, Systems Development Department. The incumbent conducts studies, experiments and analysis of aircraft structural materials to reduce their vulnerability to combat damage. Particular emphasis is on advanced composite materials and metallic materials' response to inflight and ground fires and ways to improve fire tolerance. **Job Relevant Criteria:** Knowledge of aircraft materials; ability to design using advanced composites; ability to conduct tests and analyze data; knowledge of fire testing.

Interdisciplinary — Mechanical/Aerospace Engineer, GS-230/234, 841-9/11/12, PD No. 7831142, Code 3183 — This position is located in the Systems Survivability Branch of the Survivability and Lethality, Air Targets Division, Systems Development Department. The incumbent conducts studies, experiments and analysis of aircraft structural materials to reduce their vulnerability to combat damage. Particular emphasis is on advanced composite materials and metallic materials' response to inflight and ground fires and ways to improve fire tolerance. **Job Relevant Criteria:** Knowledge of aircraft materials; ability to design using advanced composites; ability to conduct tests and analyze data; knowledge of fire testing.

(Continued on Page 7)



SUCCESSFUL CAMPAIGNER — Dr. Ron Atkins, who serves as the Combined Federal Campaign representative for the Research Department, turns in the latest contributions from his department to Loretha King, CFC Coordinator. The Research Department so far has averaged a contribution of over \$100 per person, with over 66 percent of Research Department personnel having signed pledge cards by last week. —Photo by Ron Allen

ADAN Jonathan Riddick singled out as NWC's Sailor of Month

Aviation Machinist's Mate Airman Jonathan Riddick has been named as the Naval Weapons Center's Sailor of the Month for September. A board of Chief Petty Officers made the selection earlier this month. ADAN Riddick is a jet aircraft mechanic and an A-4 plane captain assigned to the Aircraft Department's Aircraft Support Division. He is also a member of the NWC Sidewinder Drill Team.

ADAN Riddick was recommended for Sailor of the Month honors by Cdr. R. G. Davis, head of the Aircraft Support Division; Cdr. R. A. Knutson, Commanding Officer of Enlisted Personnel; and Ens. L. W. Galvin, officer-in-charge of the Sidewinder Drill Team.

In his letter of nomination, Cdr. Davis cited ADAN Riddick's "conscientious and

continued. Ens. Galvin praised ADAN Riddick's performance as a member of the drill team. He wrote in his letter, that the outstanding sailor was a "topnotch performer, both consistent and dependable. He is a major determining factor in the success of the Sidewinder Drill Team." Cdr. Knutson wrote that ADAN Riddick's performance has been exemplary and that he is an excellent example for all his peers to follow.

The NWC Sailor of the Month is a native of Newport News, Va., where he was graduated from Menchville High School in June 1977. He enlisted in the Navy immediately after graduation and received recruit training at the Naval Training Center, Great Lakes, Ill.

After boot camp, ADAN Riddick attended Aviation Machinist's Mate (Jet) "A" School at Memphis, Tenn., and then A-7 Power Plant School at the Naval Air Station, Lemoore, Calif.

He reported to the Naval Weapons Center in June of this year.

Using scissors to pry up glass desk top causes injury

A Naval Weapons Center employee was injured on the job recently while attempting to pry up a sheet of glass on a desk top.

The "tool" used for this purpose was a pair of scissors, one blade of which was inserted under the glass.

While lifting the glass in this manner, the end of the scissor blade which was beneath the glass broke off, and before the individual could control the upward movement, the other pointed end of the scissors blade had jabbed her in the face. Luck was with the employee this time, for the mishap resulted in no more than a minor cut on the chin instead of a job in the eye which could have been much more serious.

Later, the full length of a letter opener was slipped in under the glass in order to reduce the suction, and the glass was loosened so it could be safely raised to the height needed.

In his nominating letter, Ens. Galvin noted that ADAN Riddick "demonstrates a strong and mature attitude on and off the job."

"He is an enthusiastic, capable sailor whose relationships with both seniors and peers is outstanding," Ens. Galvin con-

Happenings around NWC

A star party, free of charge and open to the public, will be held tonight, starting at 8, at the Sandquist Spa recreational area by the China Lake Astronomical Society.

Weather permitting, telescopes will be set up for visitors to view such celestial objects as star clusters and gaseous nebulae within the Milky Way and the great spiral galaxy in the constellation Andromeda.

The turn-off to Sandquist Spa is located on Inyokern Rd., 5 miles west of the Naval Weapons Center's main gate. A 2-mile dirt road leads from the highway to recreation area.

Musical Group Auditions
Hours of operation at the Employee Services Board barbershop, located in Bennington Plaza, will be changed beginning on Monday.

Because of the switchover to Pacific Standard Time and earlier hours of darkness, the barbershop will open and close a half-hour earlier. Its new hours of operation will be Monday through Friday, from 8:30 a.m. to 5 p.m.

Barbershop Hours Change
Managers of the Commissioned Officers' Mess, the Chief Petty Officers' Club and the Timeclocks being

installed to control heating in buildings

A contract which calls for installing timeclocks on thermostats in more than 80 buildings throughout the Naval Weapons Center was awarded recently to W. H. Kruger of Fresno, Calif.

The purpose of this work, which is to be completed next April, is to conserve on the use of natural gas at NWC.

Once the timeclocks are installed, the thermostats which control the temperature will automatically drop back to a nighttime setting of 56 degrees in those buildings that are unoccupied at night.

The timeclocks will serve the dual purpose of automatically readjusting the temperature just before the start of the work day to a daytime high of 68 degrees.

According to Dr. Cliff Stine, head of NWC's Energy Conservation Office, this is expected to result in a savings of around \$70,000 per year to the Center, as well as a reduction in the use of natural gas use equivalent to 32,400 million BTUs annually.

This energy conservation measure will reduce the nighttime temperature in more than 770,000 sq. ft. of office and laboratory space on the Center.

CONSERVE ENERGY

ENERGY HOT TIP — Before you use the kitchen electric range to "take the chill off," or haul the portable electric heater into the bathroom for the "nightly soak" — remember the following: electric heat is six times more expensive per unit of energy output than natural gas! Call the Energy Answer Man at NWC ext. 3741 for solutions to your household energy problems.



BEATING THE DRUM — Wayne Paisano, leader of Cub Scout Pack 805, and his Indian dancers from the Pack rehearse for their performance at the Scout-O-Rama to be held at the old Ridgecrest Park on Saturday, Nov. 18, from noon to 3 p.m. The young dancers are (l. to r.) Mark Paisano, Nathan Silver, Jimmy Kendall, and Eric Holtrop. The Scout-O-Rama is open to all who are interested in seeing the skills that Boy Scouts from Cub to the Explorer groups learn. Tickets for the event cost \$2 per family. They may be purchased from any local Scout.

Think Safety

Near schools and playgrounds watch your driving. Let's keep our kids happy and thriving.