

"CELEBRATION" REVELERS — The Reveler band in the Cerro Coso Community College production of "Celebration" rehearse a scene. They are (left to right) John Clark, Reno Venturi, Curtis Carroll and Tim Connaghan. Five performances of this college Drama 27 production will be presented. They are scheduled tonight and tomorrow night at 8:15, and also on Thursday, Friday and Saturday, March 16, 17 and 18.

Community College production 'Celebration' to open tonight

The Cerro Coso Community College Clark. Drama 27 production of "Celebration," a The Revelers portray a variety of parts musical fable, will begin a five- while wearing symbolic masks which depict performance run tonight at 8:15 in the their characters in the play. More than 130 college lecture hall. Other performances masks, which are the work of Walt Koerare scheduled at the same time and place schner, will be worn by the Revelers. tomorrow night and also on March 16, 17 and 18.

Allex Bellen, who won the Community Light Opera and Theater Association the beginning of the play, "Orphan" is the (CLOTA) best actor award for his role in eternal optimist and lover of life. the CLOTA production of "Fiddler on the Roof," will be seen in the part of "somebody some day," falls in love with "Potemkin," the narrator.

tronic Warfare Department and has ap- wants to turn the world into a plastic peared in seven CLOTA productions.

Other Center personnel featured in this musical, which is directed by Florence Green, include James Fitzgerald, who plays "Orphan," and Ken Markel, as "Mr. Rich."

Fitzgerald has previously been in high school, college, and community theater productions, but this is his first musical. "Mr. Rich" is Markel's first singing role. He has previously appeared in Cerro Coso College productions.

"Angel." Besides appearing in Cerro Coso Werle and Roderick Watts, stage crew; College, CLOTA, and Burroughs High School productions, she has studied music for several years and has toured the county with the St. James Singers.

Other members of the cast who play the 11 Revelers are: Tim Connaghan, Reno Venturi, Virginia Sandberg, Marsha Burgner, Peggy Westfield, Deborah Green, Nancy Miller Nowak, Mary Woodling, Curtis Carroll, Kathy Schimpf and John Sports Etc.

Bellen, as "Potemkin," leads the other performers through the battle between Summer and Winter, good against evil. At

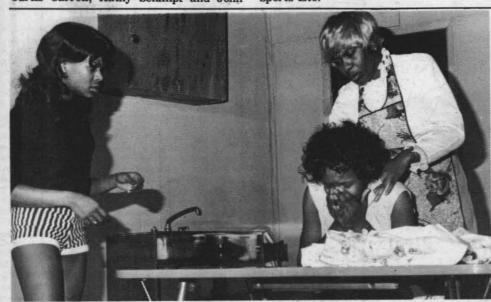
"Angel," the actress who wants to be Orphan, but is promised her chance to be Bellen is employed in the NWC's Elec- somebody by "Mr. Rich;" the man who everything.

> In addition to the director, Ms. Green, the production staff includes:

Rebecca Connow, musical director; Debby Trousdale, technical director: Suzanne Koerschner, student director; Shawn O'Brien, student technical director; Nancy Miller Nowak, choreographer; Walter Koerschner, mask designer; Mary Eisel, rehearsal pianist; Vivian Childers costumes; Steve Green, lighting director; Debbie Wood will portray the part of Scott Graham, lighting assistant; Sharon Dawn Barra, props; Bill Benison, photography; and Paul Riley and Mike Garrett, orchestra.

Tickets are now on sale for \$2.50, general admission, and \$1.25 for students and Associated Student Body cardholders.

They may be purchased at the college business office and in Ridgecrest at the Gift Mart, Deboni's Ice Cream Parlor, and at



TENSE MOMENT — Cynthia Harris (standing right), in the part of Lena Younger, and Ava McClendson (left), who plays Beneatha, comfort Nona Celestine, as Ruth, in an emotion-packed scened scene from the China Lake Players' production of "A Raisin in the Sun," which will open tonight to a sold-out audience. This play is the dramatization of a poignant story about a black family and how the inheritance of money affects their personalities. Tickets are still available for performances tomorrow and next Friday and Saturday, March 17 and 18, at the China Lake Players' Hut, 405 McIntire St., on the Center. A special events pass will be issued at the main gate to persons attending the play and needing one. Curtain time is 8:15 p.m.

Traveling theater group to perform Sat. at Cerro Coso

A performance by Magic Carpet, a traveling theatre ensemble of eight young San Franciscans, will be presented at 10 a.m. tomorrow at the Cerro Coso Community College lecture hall.

This program, another in the series of presentations sponsored by Cerro Coso Community Services, is one which is intended for children, but also will appeal to those who are young at heart as well.

Tickets, priced at \$2 for general admission, \$1 for students, and 25 cents for children under eight years of age, may be purchased in advance at the College Business Office or in Ridgecrest at The Gift Mart or Sports Etc. They also will be on sale at the lecture hall door prior to the show tomorrow morning.

The Magic Carpet group began as a resident repertory company for young people at Hidden Valley Theatre in Carmel Valley, Calif. - presenting original productions there for three years before going on the road.

Some of the material included in the show is written by youngsters and called "Kid Writes." This includes a number about an Easter egg that is popular with most audiences. Traditional material such as Kipling's "How the Camel Got His Hump," also is presented.

The style of Magic Carpet's production includes music, mime, dance and improvisation. The Los Angeles Times theatre critic, Dan Sullivan, called this program "quality theater for every child."

The cast includes Jim Mairs, director; Wynn White, John Rousseau, June Fry, Carlo Grossman, Deborah Berry, David Berry, David Dunham and Marlene Augustine.

Museum-sponsored trip to Red Rock Canyon rescheduled

Since the Maturango Museum trip scheduled last Saturday had to be cancelled due to the rain, the trip has been rescheduled for tomorrow.

Led by Ken Pringle, participants on this outing will explore the geology and ecology of the Red Rock Canyon area. Also on hand will be Bob Berry, who will lead a side trip to Dove Spring Canyon.

Anyone who would like to join this outing is asked to meet at the Red Rock Ranger Station at 9 a.m. tomorrow. This ranger station is located off the old Red Rock Canyon road, just to the west of the main

If prospective participants will contact Carol Panlaqui, museum curator, between 2 and 5 p.m. today, they will be put on the list forces cancellation of the trip. Mrs. Panlaqui's telephone number at the museum is 446-6900.

Mrs. Panlaqui would also like to remind Indian Wells Valley residents that the museum has an outstanding collection of books about wildflowers that are offered for sale. Since the unusually heavy rainfall has brightened the prospect for one of the local area's best wildflower displays, the museum has stocked up on books to help in identification and enjoyment of desert wildflowers.

The museum is open daily from 2 to 5 p.m. CPO Club to feature

'Sounds of Country' gp.

Entertainment at the Chief Petty Officers' Club tonight and tomorrow night from 9 to 1 a.m. will be provided by "Sounds of Country,"

This is a return engagement for the group, which was warmly received during its Valentine's Day appearance here.

A prime rib dinner will be served tonight from 6 to 9 and tomorrow's dinner menu will feature a seafood platter from 6 to 8:30.

The objective of the ratings is to inform parents about the suitability of movie content for viewing by their

(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. Program subject to change without notice. For further information call NWC ext. 2259

"AIR PORT 77" (114 Min.)

Jack Lemmon, James Stewart (Adventure Drama) The third of the highly successful "Airport" dramas inspired by Arthur Hailey's book features a cast of top names and spectacular effects. Lemmon is a pilot hired by employer Stewart to fly a small group of art collectors and critics to Palm Springs for the inauguration of his new museum collection. Three men seize the aircraft to hijack the paintings. The plane crashes and there is a thrilling, well-filmed rescue sequence. (PG)

> 11 MARCH "GUS" (97 Min.)

Bob Crane, Johnny Unitas 1:30 p.m. Matinee

SATURDAY

(Comedy) The California Atoms football team is so bad that owner Edward Asner lives in the shadow of his brother, a soccer star, and must prove himself. He accidently discovers a mule, Gus, who is a great kicker. Gus saves the team by kicking field goals. (G)

"THE GREAT TEXAS DYNAMITE CHASE" (89 Min.)

Claudia Jennings, Jocelyn Jones (Action Drama) This film concerns two girls, Claudia, who has just escaped from county jail, and Jocelyn, a bank teller who has been fired from her job. They team up and go on a bank robbing spree with dynamite as their weapon. A hostage captured during a store holdup discovers that he enjoys their company and agrees to pose as their hostage in future bank jobs. Luck finally runs out believe hostage is gunned down. However, the two girls evade the police by dynamiting their car and escaping across the border. (R)

"THE RESCUERS" (84 Min.) (Adventure Comedy) This is an animated cartoon with the voices of Geraldine Page, Bob Newhart and Eva Gabor. Mouse scouts from the International Rescue Aid Society, which meets in the basement of the United Nations Building, find a bottle bearing an urgent message. The message relates information about the kidnapping of a young orphan named Penny by the villainous Medusa who demands the retrieval of the "Devil's Eye" diamond. Janifor Bernard and heroine Bianca take on the rescue assignment with the aid of some swamp critters. The rescue is successful and results in television publicity which helps Penny to get adopted. (G) WEDNESDAY

"VALENTINO" (128 Min.)

Rudolph Nurevey, Leslie Caron (Biographical Drama) The death of silent screen star Rudolph Valentino in 1926 causes riots t the New York funeral parlor where his body ies. The film shows the women in his life reminiscing for reporters. Valentino is seen progressing from a ballroom gigolo to a silent screen star in the film, "The Four Horsemen of the Apocalypse." (R)

"OH GOD!" (111 Min.)

George Burns, John Denver (Comedy) This is a special return engagement. The story concerns God (Burns) who puts on His work clothes and comes to earth to clean up a few things. As His earthling messenger he chooses Jerry Landers (Denver), the assistant manager of a California supermarket. Solid citizen Denver receives a note from Burns requesting him to come to an interview. Denver goes before a group of theologians, but is later hauled into court for slandering the Rev. Willie Williams. Burns is a witness for Denver, but does not necessarily convince the court that he is God. Denver is acquitted but loses his job; Burns goes on his way to take care of other matters. (PG)

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Naval Weapons Cente China Lake

March 10, 1978

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INSIDE...

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Technical Director Award for radar antenna system design presented to Robert Gerber Presentation of the NWC Technical has contributed significantly to this radar

Director's Award in recognition of outstanding technical accomplishment highlighted Monday morning's Commander's meeting held in the Management Center of Michelson Laboratory.

Robert L. Gerber, a mechanical engineer in the Electronic Warfare Department's Radar Development Branch, was the recipient of this special form of a Superior Achievement Award, which was presented by Robert M. Hillyer, NWC Technical Director. The award, which consists of an engraved

paperweight, a letter of commendation and a \$200 stipend, was presented to Gerber for his exemplary performance in the design and fabrication of the complete antenna systems for a unique radar.

"The work is exemplary-probably better than the original devices he is simulating," Hillyer commented as he presented the Technical Director Award to Gerber

In the letter of commendation from Hillyer, the Technical Director wrote: "Your thoroughness and novel approach in the development of this one-of-a-kind radar

All expenses for their dependents'

transportation and per diem will be funded

Both HM2 Conley and AD1 Walker were

selected as NWC Bluejackets of the Month

during 1977, and HM2 Conley this past

January became the first woman sailor to

win the Blue jacket of the Year award at the

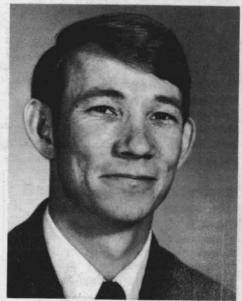
(Continued on Page 5)

by the Fleet Reserve Association.

development program's success. I am impressed with your technical competence

and your professionalism." Gerber, who is a 1965 graduate of California State University in San Diego, began working at the Naval Weapons Center in July 1966. Since starting out as a junior professional employee nearly 12 years ago, he has fulfilled assignments at progressively responsible levels and is now recognized as a topnotch mechanical engineer involved in the design and development of radar in structures and antenna systems.

From 1966 to 1975, Gerber was employed in the Weapons Department (or its (Continued on Page 3)



AZ2 Sammie E. Goode

AZ2 Goode chosen as Bluejacket of Month for February

Aviation Maintenance Administrationman Second Class Sammie E. Goode has won the coveted Naval Weapons Center's Bluejacket of the Month award for

AZ2 Goode, the only AZ assigned to the Targets Division of the Aircraft Depart ment, is responsible for maintaining log books on more than 20 aircraft and all the division's scheduling and documentation.

His recommendation for the award noted his ability to work in harmony with others and his "exceptional willingness and ability to coordinate the division's varied functions."

In addition to his regular duties, AZ2 Goode is the Aircraft Department's Athletics Officer, chairman of the department's Recreation Committee and secretary for both the NWC Joint Military-Civilian Recreation Council and the Center's Sports Committee. He is also the Target Division's safety officer.

A career Navyman with more than six years' service, he is a veteran of two tours of duty aboard the aircraft carrier USS Ranger off the coast of Vietnam during the war in Southeast Asia.

He wears the Presidential Unit Citation which was awarded to the USS Ranger's crew for Vietnam service, the Good Conduct Medal, the Vietnam Service Medal and the Vietnam Campaign Medal.

AZ2 Goode received an official Letter of (Continued on Page 5)



OUTSTANDING EFFORT RECOGNIZED — In recognition of his exemplary skill in the design and fabrication of the complete antenna systems for a unique radar, Robert L. Gerber (at left) was the latest recipient of an NWC Technical Director's Award. The presentation was made by R. M. Hillyer, NWC Technical Director, during the Commander's meeting last Monday morning. -Photo by Ron Allen

CNO Sailor of Year nominees selected

Three enlisted personnel from China Lake have been nominated as representatives of their respective commands to compete for the honor of being selected as the CNO Shore Sailor of the Year for Fiscal Year

The local nominees are Aviation Machinist's Mate 1st Class Garry Walker, who is the Naval Weapons Center nominee; Aviation Hydraulics Mechanic 1st Class Denis Lambrecht, who has been nominated by Air Test and Evaluation Squadron Five (VX-5); and Hospital Corpsman 2nd Class Yvonne M. Conley, who is the nominee of the local Branch Clinic of the Naval Regional Medical Center in Long Beach.

The CNO Sailor of the Year competition is open to all active duty personnel in



CONGRATULATIONS EXTENDED — Best wishes of their respective Commanding Officers were extended to three enlisted personnel from China Lake who have been selected as local nominees for the CNO Shore Sailor of the Year honor. In the photos shown above (left to right) Rear Admiral William L. HM2 Yvonne M. Conley and AMH1 Denis Lambrecht.

paygrades E-4 through E-6 with the exception of recruiter canvassers who are eligible for the Navy Recruiter of the Year

The Pacific and Atlantic Fleet Sailors of the Year will be selected by their respective Fleet commanders, while the Shore Duty Sailor of the Year will be selected by a board established by the Chief of Naval Personnel.

The three finalists who are chosen from the Fleet and Shore Establishment will be advanced to the next higher pay grade if they are eligible and will receive an allexpense paid trip with their dependents to Washington, D.C., with the option to continue on to the stateside location of their choice for five additional days of rest and

Naval Weapons Center. She serves as petty officer-in-charge of the Medical Clinic's Surgical Service Department. Her responsibilities include maintaining all surgical supplies in good order and sterile condition and dispensing supplies to patients and medical clinic staff.

Harris, NWC Commander, Capt. Robert W. Taylor, Officer-in-Charge of the Branch Medical Clinic, and Capt. Leonard E. Giuliani, Commanding Officer of VX-5, are congratulating the nominees from their commands who are AD1 Garry Walker,

WORTHWHILE SUGGESTION - LCdr. H. A. Wells, Assistant Public Works Officer, congratulates Roger Turcotte, an automotive inspector in the Transportation Division of the Public Works Department, on receiving a \$145 dollar award for a Beneficial Suggestion. Turcotte suggested that heavy duty batteries be installed in 4-wheel drive vehicles, resulting in less vehicle down time. Estimated -Photo by Ron Allen savings to the Navy will be \$1,850.

In addition, Sabbath School youngsters,

under the direction of Lynn Kushner, will

participate in a presentation of the Megillah

Traditional observance of the holiday

includes reading from the Book of Esther,

feasting and merrymaking. Refreshments

will include hamantaschen with a variety of

Tickets are 50 cents and may be ordered

by calling Mrs. Vitale at 446-5186. They also

will be on sale at the door on the evening of

Enrollments are now requested for a Pre-

With the exception of the third session, the

other five sessions will be 11/2 hours in

duration and will be held once a week. The

third session will be in the form of an all-day

This seminar is intended for Naval

Weapons Center civilian employees who are

planning to retire within the next five

years. The course is designed to provide a

wide range of information on such subjects

as Federal income tax regulations, the Civil

Service Retirement System, Social Security

and Medicare, legal matters, health

maintenance, and the psychological aspects

Employees who are interested in at-

tending this seminar should submit a

training request and authorization form via

proper department channels in time for it to

retirement Planning Seminar which is

scheduled to begin on Wednesday, April 12.

fillings, and there will also be games.

Enrollment open

in Pre-Retirement

Planning Seminar

entitled the U.S.S. Hamantaschen.

Purim celebration scheduled March 18 by All Faith Chapel Jewish congregation

The All Faith Chapel's Jewish dance by Sabbath School young people. congregation will celebrate the annual observance of Purim, or Feast of Lots, on Saturday, March 18.

This year's service and festivities are sponsored by the Jewish Women's Club and will begin with a candlelight Havdalah Service at 6:30 p.m. in the East Wing of the All Faith Chapel.

Rose Vitale will conduct the service, which will be followed by folk singing by Peggy Busch and her father, Bud Sewell, as well as the presentation of an Israeli folk

New books listed at NWC library

A complete list of new books is available in the NWC library. Library hours are: Monday thru Friday: 1-9 p.m.; Saturday & Sunday: 12-6 p.m. Centerites are reminded that all

employees or military personnel, regardless of their place of residence, are welcome to use the NWC library. FICTION

Borden Deal — Bluegrass. Catherine Gavin - The Snow Mountain. Nicholas Monsarrat - The Kappilan of Malta.

Sidney Sheldon - Bloodline. David Weiss - The Venetian.

NON-FICTION

Harry E. Haldeman - The Ends of Power. Paul Johnson - A History of Christianity. Casey Miller - Words and Women: New Language in New Times.

Cyrus L. Suszberger-The Fall of Eagles: The Death of the Great European Dynasties.

Auren Uris - The Blue Book of Broadminded Business Behavior.

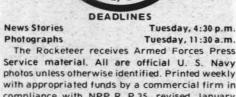
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R. M. Hillyer **Technical Director**

Dr. Robert H. Pearson Head, **Technical Information Department**

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Promotional Opportunities

Unless otherwise specified in the ad, applications for positions listed in this column will be accepted from current NWC employees and should be filed with the person named in the ad. All others desiring employment with the Naval Weapons Center may contact the Employment-Wage and Classification Division, Code 092, Ext. 2069. Ads will run for one week and will close at 4:30 p.m. on the Friday following their appearance in this column, unless a later date is specified in the ad. Employees whose work history has not been brought up to date within the last six months are encouraged to file a Form 171 or 172 in their personnel jacket. Information concerning the Merit Promotion Program and the evaluation methods used in these promotional opportunit may be obtained from your Personnel Management Advisor (Code 096 or 097). Advertising positions in the Promotional Opportunities column does not preclude the use of alternate recruiting sources in filling these positions. As part of the rating process, a supervisor appraisal will be sent to the current supervisor and th most recent previous supervisor of those applicants rated as basically qualified. The Naval Weapons Center is an equal opportunity employer and selection shall be made without discrimination for any nonmerit reason. The minimum qualification requirements for all GS positions are defined in CSC Handbook X-118, while thos for all WG, WL and WS positions are defined in CSC Handbook X-118C.

Budget Clerk, GS 501-3/4, PD No. 7708015N, Code 0832 - (2 vacancies) Intermittent work schedule. The incumbent will assist budget analysts and RMAs with preparation of overhead and technical budgets and may be assigned, on a rotating basis, to one or more departments on Center to provide financial support such as monitoring expenses on job orders and customers order numbers, preparing journal entries. Job Relevant Criteria: Ability to work with figures; nowledge of the budget cycle; knowledge of the budgetary and funding process; and knowledge of accounting and financial reports. Status eligibles

ROCKETEER

Clerk Typist or Clerk-DMT, GS 322/316-3/4, PD No 7608028, Code 0824 - This position is located in the Word Processing Center, (located in Mich Lab) Managemen Division, Office of Finance and Management. The incumbent types letters, memoranda, and various reports, both technical and financial, from rough drafts or tran scribes material from dictation equipment. Incumbent will also train on OS6 Document Printer and Text Editor. Job Relevant Criteria: Ability to meet deadlines under pressure; ability to work with a minimum of supervision; knowledge of Mag II is desirable, and knowledge of Navy correspondence and report format. Status eligibles ac-

File applications for the above with Tina Rockdale. Bldg. 34, Rm. 206, Ph. 2676.

Quality Assurance Specialist (Electronics) GS-1910-9/11 PD No. 7655052E, Code 3681 (3 vacancies) - Applications will be accepted from NWC employees and status eligibles. This position is located in the Soldering Technology Branch, Product Assurance Division, Engineering Department. The incumbent will assist in the development of quality and reliability requirements to be itilized in the manufacture of weapons systems electrical / electronic modules. The incumbent investigates quality problems in the manufacture of hardware, ermines the course and recommends corrective action. The incumbent reviews contractor facilities, equipment, operating procedures and training programs to ascertain compliance to the contractual specification, reviews formal documentation prior to authentication, recommends approval or disapproval of contractor proposed deviations, waivers and exceptions to the specification Job Relevant Criteria: Knowledge of WS-6536 and AS-4042; knowledge of soldering and module welding techniques; nowledge of printed wiring board manufacturing. Ability to write and revise specifications. Promotion Potential:

Electronics Engineer, GS-855-11 / 12, PD No. 7655062-1E, Code 3631 — Applications will be accepted from both NWC employees and status eligibles. This position is located in the Guidance Branch, Product Design Division, Engineering Department. The incumbent will be assigned to missile guidance production support. Duties will include circuit analysis and signal processing techniques, interface with the program offices, other government acivities and contractors. Moderate travel will be required. Job Relevant Criteria: Incumbent must have knowledge of omputer programming and ability to perform circuit analysis. Knowledge of automated test techniques is desirable.

File applications for the above with Janet Thomas, Bldg 34, Rm. 204, Ph. 2925.

Clerk-Typist, GS-322-3 / 4, PD No. 7826005N, Code 265 -This position is in the Housing Division, Public works epartment. The incumbent provides clerical support to the division secretary and to the maintenance and occupant support branches. Major duties include mai faining records and files on tenants and on housing units. Occasional responsibility in support of housing assign



35-YR. PIN PRESENTED - Harry C. Loyal, Jr., an electronics technician in the Engineering Department's Production Engineering Branch, was the recent recipient of a 35-year Federal service pin that was presented by Dr. G. W. Leonard (at left), his department head. Loyal, who joined the Civil Service work force at China Lake in September 1962, had previously served for 20 years in the Navy (including three tours of duty here). Loyal was hired as an electronics technician by the Aviation Ordnance Department and also worked for Codes 40, 30 and 51 before he moved to the Engineering Department in 1975.

ments and terminations. Job Relevant Criteria: Ability to work independently with minimal supervision: must have analytical and statistical background; must have typing proficiency and knowledge of correspondence format must be able to effectively deal with the public.

Sheet and Plate Metal Work, WG-3801-8, JD No. 597N Code 26453, Promotion potential WG-11 -Incumben assists in the layout, fabrication, assembly and in stallation of prototypes and experimental parts and pment made from various types of ferrous and non ferrous metal and alloys. Performs electric arc welding, oxyacetylene welding, radiograph machine cutting. Job Relevant Criteria: Ability to do the work of the position without more than normal supervision; knowledge of materials, hand and power tools, layout and pattern development, instructions, specifications, blueprints, knowledge of equipment.

Sheet and Plate Metal Worker Helper, WG-3801-5, JD No 596N, Code 26453, (1 vacancy). Promotion potential WG-11
— This job is in the Structural and Support Branch, Field Support Section, Public Works Department. The in ent assists a journeyman sheet and plate metal worker and under his direction works from blueprints, sketches, and specifications, Performs on-the-job training. Assignments are designed to prepare the incumbent for ent to the intermediate in the trade. Job Relevant Criteria: Reliability and dependability; shop aptitude and interest; ability to follow directions in shop; dexterity and safety; ability to work as a member of a team.

Heavy Mobile Equipment Mechanic, WG-5803-8, JD No. 448N, Code 26771 - Promotion Potential WG-11. Under the rvision of a journeyman, incumbent maintains repairs, overhauls, modifies and tests various types of heavy duty diesel and gasoline-powered equipment, such omotives, cranes, tanks, firetruck engines, cor struction and earth-moving equipment etc. Job Relevant Criteria: Ability to repair, maintain, and overhaul per equipment; ability to use manuals, specifications catologs, prints; ability to troubleshoot and test pertinent equipment; ability to use hand and power tools; ability to use measuring instruments; ability to do the work of the position without more than normal supervisions.

Administrative Officer, GS-341-12, PD No. 7826011E,

Code 2602 - The incumbent is Head Staff, Public Works Department, and is responsible for providing administrative services to the Public Works Officer and the Public Works Department. These include manageme studies, management information systems, word and data processing support, commercial/industrial activities, central files and records, budgeting, financial control and status reporting, plant property records and control. Job Relevant Criteria: Ability to plan / direct and execute major studies using management analysis techniques ty to deal effectively with all levels in and outside NWC; ability to work well under pressure and adjust easily to organization, program and procedural changes; Facilities Engineering Command directives and policies; knowledge of Navy budgetary processes.

Automotive Mechanic Helper, WG-5823-5, JD No. 527N, Code 26774 - Incumbent assists journeyman in the repair, overhaul, modification and testing of transportation (Continued on Page 4)



DIVINE SERVICES

PROTESTANT Sunday Worship Service 1, 2, 4, (Dorms 5, 6, 8) located opposite the former Center Restaurant. Communion Service first Sunday of the Month.

ECUMENICAL Wednesday Noon Bible Study Thursday Men's Prayer Breakfast ROMAN CATHOLIC

1700 fulfills Sunday obligation 0700 0830 1130 Nursery, Chapel Annex 1 0815-1245 Daily except Saturday, 1135, Blessed Sacrament CONFESSIONS

1115 to 1130 Daily Saturday 1615 to 1645 0800 to 0825 Sunday RELIGIOUS EDUCATION CLASSES First thru 6th grades Pre-school & kindergarten 1115 Sunday Sunday seventh & eighth (Junior High) Above classes are held in the Chapel Annexes across from the former Center Restaurant.

Ninth thru 12th grades "In Home" Discussion Groups As announced Youth Rallies Contact Chaplain's Office for specifics.

JEWISH SERVICES EAST WING-ALL FAITH CHAPEL Sabbath Services every Friday UNITARIANS

CHAPEL ANNEX 95 Services—(Sept.-May) weekend for fast

Tryout sessions for the Ridgecrest Raiders, a fast pitch softball team that will represent the local area in out-of-town as well as local tournaments this season, will be held at 1 p.m. Saturday and at 4 p.m. Sunday at the Pony League baseball diamond.

pitch softball team

March 10, 1978

Tryouts set on

Veterans of previous all-star softball teams, and newcomers interested in participating in Class A softball competition are invited to participate in this weekend's

Every position on the team is up for grabs by the most talented players, Richard Clodt, manager of the Ridgecrest Raiders, reports. The Raiders are preparing for a pre-season tournament April 14, 15 and 16 that will be staged as a benefit for the Indian Wells Valley Pony League.

An invitation has been extended to the Reno Toyota world champion softball team to participate in this 16-team, double elimination event. The tourney is to be preceded on Thursday, April 13, by a softball pitching clinic that will be conducted by Bob Gregory, ace pitcher for the Reno

Additional information about the Raiders can be obtained by calling Clodt at NWC

Youth soccer skill evaluation session planned Saturday

The final skill evaluation session for youngsters interested in participating in the Youth Center Soccer League program will be held tomorrow morning at Davidove Field.

The tryouts are scheduled at 9 a.m. for youths in the second through fourth grades, at 10 a.m. for fifth and sixth graders, and at 11 a.m. for young people in the seventh grade through high school.

Youth Center Soccer League coaches will be evaluating the players in preparation for team assignments that will be announced on Saturday, March 24, at Davidove Field. The league season will get underway on April 1.

To be eligible to participate, players must be members of the Youth Center where and 6 to 9 p.m., and on Saturdays from 9 a.m. to 5 p.m.

Wild Bunch, Team 'W' tie for first place in Division C play

The China Lake Intramural Basketball League ended this past week with final games being played in Division C.

One win apiece by the Wild Bunch and Team "W", who both took the wind out of the Gasbags, left these two teams tied for the division title with a season record of 12 wins and 2 losses each.

The Renegades, who had already clinched third place, defeated the Jokers - a team that held onto a fourth place tie as a result of its win over the Medicine Men. Final standings in Division C are as

follows: Wild Bunch Team "W" Renegades Medicine Men Jokers . Team "X"

Admiral's Cup . . . (Continued from Page 6)

Gasbags.

led the VX-5 cagers in scoring with 21 and 14 points, respectively, while the leading scorers for NWC North were Barrows, who tallied 14, and Greg Bishop, who contributed

Current point standings in the Admiral's Cup competition, following the NWC South win in basketball, are VX-5, 28; NWC South, 22, and NWC North, 17. Team competition in volleyball, which is the next Admiral's Cup event, is scheduled on March 21,22 and 23.

Changes planned to improve NWC recreation program

A number of changes-some in order to improve the various types of facilities that are available and others of a policy nature that are intended to alleviate problems which have arisen in the past-have already been made or are in the offing pertaining to the widespread scope of the Special Services Division's Recreation Branch, which is headed by Bob Huey.

His branch is a recreation service operation whose goal is to attract both more users and more satisfied users of the Center's recreation facilities, Huey noted as he went on to outline steps that have been taken, or are scheduled in the near future, to remedy problems and upgrade the many recreation facilities that are available on the Naval Weapons Center.

With the softball and baseball season just around the corner, plans call for removing the fence that divides Schoeffel Field into two separate playing areas in order to have one large baseball diamond avaiable for

In addition, Huey reported, approval has just been received from the NWC Facilities Planning Board for installing wooden floors on two handball courts that now have a concrete playing surface, and leaks that developed during recent heavy rains will be

Other repairs that have been scheduled in the gymnasium area include improving the lighting in the steam room by having it recessed into the ceiling.

A sizable outlay of recreation funds, an estimated \$32,000 is earmarked for use at Minvielle Park (airfield recreation area), where the swimming pool is to be drained prior to patching cracks, resurfacing and painting it. Some repair work is required on canopies in both the swimming pool and picnic area, and steps must be taken to remedy electrical problems that have been found, Huey stated.

Approach of the summer season also will necessitate work prior to the re-opening of outdoor swimming pools at the Chief Petty Officers' Club and the Commissioned Officers' Mess, and getting the various softball fields ready for use.

Also in preparation for warmer weather just ahead, the camping issue room has ordered new boats and motors that will be available by May 1, and expects to have registration for the soccer season is being several new tents and sleeping bags on hand handled Tuesday through Friday from 2 to 5 for use of those who are eligible to rent



Bob Huey

Already accomplished in order to add to patrons' enjoyment of the Center theater is the purchase and installation of two new motion picture projectors. It also is the goal of the Recreation Branch to further upgrade the quality of motion picture projection at the theater, and to provide the additional service of a regular, wellsupervised matinee for youngsters on Saturday afternoons.

All this is aimed at boosting motion picture theater attendance, as is the contemplated purchase of a machine that can turn out hot, buttered popcorn for consumption by movie-goers.

On order and expected to be received in about a month is a new public address system for use at the theater by groups interested in using the theater for training purposes or for special events of a

The Recreation Branch, Huey continued, wants to know what patrons of the Center's recreation facilities would like to have, or what problems are of concern to them at the present time.

Importance is therefore placed on the matter of communication, and the first step in this process is to take matters directly to the various managers. They are: Doug Nelson, sports; Dean Ray, bowling alley; Mike Kinne, hobby shop and camping issue room; Carol Hape, the theater, Youth center, youth gym and the stables; and Art Amos, Community Center.

Suggestion forms are available at each of the above-mentioned facilities which can be used by those wishing to offer ideas or bring problems directly to the attention of

Providing a recreation program of the variety and scope offered at NWC is costly and to continue the present operation without a lot of improvements is going to necessitate an increase in fees, the head of the Recreation Branch stated.

Most of what he has discussed up to this point are short range programs, Huey said, but there also are long range plans to do such things as provide more locker space at the gym and bowling alley, build additional handball courts, improve the hobby shop area by offering classes in ceramics, wood and leather working and photography, and a look is being taken at the hours of operation at the auto hobby shop in order to determine if changes there might better meet patrons' needs.

However, whatever long range plans are carried out will depend upon growing support for existing programs so that additional funds will be available to meet the steadily increasing expenses and still have money for future improvements.

Promotional opportunities...

(Continued from Page 4)

Division, Supply Department. The incumbent will build wooden containers and cardboard cartons and assist enior woodworkers in construction of larger crates, in packing, blocking and bracing. Job Relevant Criteria: Technical practices; ability to read, interpret and apply instructions, specifications, blueprints; ability to measurement and layout work; ability to select and use he proper tools and equipment; ability to select the proper materials; ability to do the work of a wood worker. File applications for the above with Ginger Hamaty

Bldg. 34, Rm. 212, Ph. 2371. Clerk-Typist, GS-322-3 / 4, PD No. 7835014N, Code 352 -

MAKING IT OFFICIAL — Start of the grand opening sale at the new Navy Exchange service station was highlighted by a ribbon-cutting ceremony on March 1. The king-size scissors were wielded by Rear Admiral William L. Harris, NWC Commander. Others in photo are Lt. M. S. Barnett, SC, USN, the Navy Exchange officer, and Jim Forbis, manager of the NEX service station, which was relocated and is now open for business at the former Fedco gas station on N. Richmond Rd. at King St. At this location, the NEX service station has both full service and self service gasoline pumps, more than 200 sq. ft. of additional sales space for its parts and accessories store, and two bays (instead of just one) where lubrication work, oil changes, and battery recharging are handled or tires repaired and wheels rotated. Hours of operation are 9:30 a.m. to 5:30 p.m., Monday through Friday, and 10 a.m. to 4 p.m. on Saturday.

This is an intermittent position. It is located in the RF Development Division of the Electronic Warfare Department. The incumbent will type from rought draft or handwritten copy all types of letters, charts, memoranda official correspondence, reports, and forms. Additional duties will include answering phones, placing and receiving long distance calls, receiving visitors, arranging for travel, sorting and distributing mail and performing other office tasks. Job Relevant Criteria: Ability to type accurately and efficiently; knowledge of Navy correspondence regulations and format; ability to work ndependently; observed ability to be tactful and cou

Clerk (DMT) GS-301-3 / 4, PD No. 7235218N, Code 3522 -This position is that of Clerk-(DMT) located in the Advanced Technology branch, RF Development Division of the Electronic Warfare Department. The incumbent will type from dictating machine, rough draft or handwritten copy all types of letters, charts, memoranda, officia correspondence, reports, and forms. Secondary duties will include answering phones, placing and receiving long distance calls, receiving visitors, arranging for travel keeping timecards, sorting and distributing mail, and other office duties. Job Relevant Criteria: Ability to type accurately and efficiently; knowledge of Navy correspondence regulations and format; ability to work endently; observed ability to be tactful and o teous; knowledge of engineering terminology File applications for the above with Charlotte

Sieckowski, Bldg. 34, Rm. 204, Ph. 3118. Secretary (Stenography), GS-318-6, PD No. 7300012-1N,

Code 03 — (Temporary promotion not to exceed year) All status eligibles accepted. Incumbent serves as secretary to the Laboratory Director and is responsible for the effective operation of her office and the managemen of her time schedule. The position also entails the screening of both callers and correspondence to determine which individuals are to take action, the drafting of various correspondence for the director's signature, the compilation of information from diverse sources, the performance of clerical duties, and the handling of various duties related to the director's social obligations. Job Relevant Criteria: Experience in performing secretarial functions; knowledge of NWC organization and policies; ability to type and take dictation accurately and ef ficiently; demonstrated ability to deal tactfully and ef ficiently with both the public and all levels of NWC employees; demonstrated ability to communicate effectively Administrative Assistant / Officer, GS-341-7 / 9, PD No 7739067N, Code 39012 — This position is located in the Air

Weaponry Technology Office, Weapons Department, This office has the overall management responsibility for all air weapon exploratory development efforts (approximately 15M per fiscal year) assigned to the cognizance of NWC. Duties include coordination, planning and preparation of task area budgets, financial management of NWC technology funding; establishment and coordination of work task assignments; preparation of various financia reports, including assisting the program manager and deputy manager with the annual Air Weaponry Exploratory Development Program Plan; and various other administrative duties. Job Relevant Criteria: Must be familiar with NWC and NAVAIR financial systems and have a knowledge of Navy's R&D and Systems Acquistion processes; must have the ability to gather, assemble, correlate, and analyze facts and draw logical conclusions; must be able to communicate both orally and in writing. File applications for the above with Cathy Rivera, Bldg.

34, Rm. 206, Ph. 2723.

College cagers win berth in state tourney

The Cerro Coso Community College basketball team, coached by John Boragno, pulled out a come-from-behind 73-69 win over Imperial Valley last Saturday at El Centro in the final round of the Desert Athletic League basketball playoffs.

The victory earned the Coyotes a berth in the California Community College basketball championship tournament which is to be held at the Long Beach Arena.

In their first tourney tilt, the Cerro Coso cagers will play the highly rated Menlo College team in a game that will begin at 10:45 a.m. next Thursday, March 16.

Last Saturday at El Centro, the Coyotes, who trailed Imperial Valley 38-33 at half-time, pulled out all the stops in the final minutes of the game to overcome what had been at one time a 14-point deficit to win by a 4-point margin of 73-69.

Steve Parham, center for Cerro Coso College, tallied 23 points (including 7 for 7 from the free throw line in the second half) to lead the Coyotes in the scoring department. The leading rebounder among California's community college hoopsters with an average of 16 per game, Parham snagged 16 caroms off the board in the contest with Imperial Valley.

Right behind Parham in scoring for the Cerro Coso College team was Louis Reymond, a guard, who tallied 22 points—16 of which dropped through the hoop in the hotly contested second half at El Centro.

Reymond holds the honor of being the state's second leading scorer in community college basketball with a 1977-78 average of 24.8 points per game.

The Coyotes, who won 22 games and lost 6, finished as runner-up to Mt. San Jacinto in the battle for the Desert Athletic Conference title. The Coyotes were defeated twice during regular season play in over-time contests by Mt. San Jacinto, the state's fifth-ranked community college basketball

BHS varsity nine will face Antelopes in season opener

A Burroughs High School varsity baseball team, which can field a veteran infield but is weak in the pitching department, will begin the 1978 Golden League season by traveling to Lancaster next Tuesday for a 3:30 p.m. game against Antelope High School.

The Burros, who are coached by Ed Schwartz, will host the Palmdale Falcons in their first home game of the season next Friday, March 17, also at 3:30 p.m.

Coach Schwartz expects the Antelopes to have one of the stronger teams in the reorganized Golden League this season, while his own squad is untested except for a "scrimmage" against Barstow. The Burros are, however, slated to travel to Bakersfield High School on Saturday for a double-header against the Drillers that will start at 11 a.m.

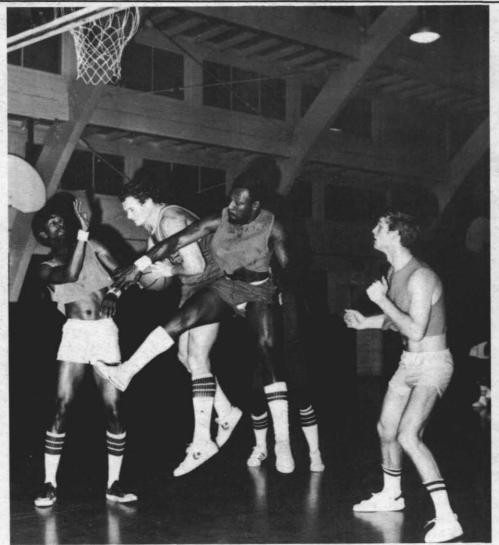
Around the infield, Coach Schwartz expects to start returnees Casey Cornelius at first base, Frank Mayer on second, Jim Peck at third base, and Randy Radcliff in the short stop position.

Behind the plate, the Burros have another returning player, Dave Cane, to handle the catching chores, and Mark Gritton has pretty well nailed down a starting position in center field.

Other outfield hopefuls are Dave Boss and Art Sterrett, while the mound staff includes John Chieze, Paul Riddle, Terry Melting, Terry Gaunt and Scott Anderson.

During the pre-season practice sessions, Coach Schwartz has been working with a roster of 20 players, but expects to cut this down some by the start of the Golden League season on Tuesday.

Schwartz is being aided by Skip Campos, as assistant coach, and volunteers Jeff Radcliff and Mike Stoner.



ROCKETEER

BATTLE FOR BALL — Bob Bailey, center for the NWC South team, has little room to maneuver under the basket after grabbing this rebound during Tuesday night's Admiral's Cup basketball game between NWC South and the cagers from VX-5. Bailey is hemmed in by John Spells (at left) and Greg Robbins of the VX-5 team. At right is Ron Naparella, a leading scorer for the NWC South team which won this game by a final score of 66-48.

NWC South outscores VX-5 in Admiral's Cup basketball finals

Admiral's Cup competition in basketball for the 1977-78 season ended Tuesday night with a victory by NWC South over the VX-5 cagers by a final score of 66-48.

In what was a well-played game, the NWC South squad got its fast break offense moving well and, thanks to 17 assists by Hod Wells, at one of the guard positions, pulled steadily ahead to win by a final margin of 18 points.

Tim Cornelius was the top scorer for NWC South with 24 points, while two of his teammates — Ron Naperella, with 21, and Bob Bailey, who pumped in 14 — also played vital roles in the win.

The VX-5 team relied heavily on the scoring ability of Kevin McSwain and John Spells, who between them accounted for 38 of their team's 48 points. McSwain tallied 22 and Spells chipped in 16 points.

In the two Admiral's Cup basketball contests which led up to Tuesday night's championship game, NWC South romped to a 66-37 win over NWC North on March 1, and VX-5 trimmed the NWC North (airfield) team, 63-40, on Thursday, March 2.

At halftime in the NWC South vs. NWC North game, the hoopsters for NWC South were ahead by just 8 points (28-20), but then began to find the range and outscored their opponents 38-17 in the second half to win going away by a final score of 66-37.

Naperella and Cornelius, forwards for the NWC South team, were the leading scorers in this game with 18 and 16 points, respectively. Hudie Thompson and Charlie Barrows were the only players for NWC North to break into the double-figure scoring column. They tallied 11 and 10

Commander's Trophy golf tourney set March 18-19

The China Lake Men's Golf Club Commander's Trophy Tournament will be held Saturday and Sunday, March 18 and 19.

There will be three flights based on handicaps in the 36-hole, individual stroke play competition. They are ten and under, 11 through 16 and 17 and over.

Daily and overall prizes will be awarded, and the entry fee is \$6 per golfer.

Those desiring to enter may sign up now at the China Lake golf course clubhouse.

points each.

Bob Bailey, center for the NWC South, accounted for a lion's share of the rebounds for his team even though he wasn't up to par healthwise, and guards Andy Price, Harry McCoy and Wells not only turned in good games on defense, but their play was instrumental in setting up the team's offense.

The VX-5 team assured itself of second place in the Admiral's Cup basketball competition by its 63-40 win over NWC North.

In this game, the Vampires of VX-5 scored 40 points in the second half, after holding a 23-14 advantage at the end of the first 20 minutes of play. McSwain and Spells (Continued on Page 7)

Sidewinders retain 6½-game lead in Premier League

The Raytheon Sidewinders continue to hold a 6½-game lead in the Premier League following Monday night's action at Hall Memorial Lanes.

The Sidewinders won two out of three games from the fifth place Ace Realty keglers, while the Fisher Plastering squad battled its way into second place by knocking off the Saddleback Sales team two games to one.

The evening's high team game(1,052) and high team series (2,840) were turned in Monday night by the Saddleback Sales bowlers.

For the first time this season, none of the Premier League keglers topped the 600 series mark. Those with single game scores of more than 220 were Dick Furstenberg (255), Jack Brown (235), George Barker (232), Allen Smith (226), Max Thorson (225) and Jim Wright (222).

Current standings in the Premier League

Team	Won	Lost
Raytheon Sidewinders	501/2	211/2
Fisher Plastering	44	28
Saddleback Sales	431/2	281/2
Elks Lodge	43	29
Ace Realty	39	33
Pollock Construction	351/2	371/2
Best Realty	33	39
Hideaway	321/2	391/2
The Place	291/2	421/2
King Max	111/2	601/2



March 10, 1978

Recreation Round-up

Water exercise classes to begin next Wednesday

A new series of water exercise classes will begin next Wednesday, March 15, at the indoor pool in the Naval Weapons Center gym.

Cost of the series of 10 classes, which will

be held on Mondays and Wednesdays from 3:30 to 4:30 p.m. is \$10. No swimming skill is necessary in order to participate.

Registration for the class and payment of the enrollment fee is being handled at the gymnasium office. Further information can be obtained by calling NWC ext. 2334.

Children's Swim Classes

Another six-week session of swimming classes for tiny tots will begin on Tuesday, March 21, at the indoor pool in the Center gym.

An adult must accompany the child in the water during these lessons, which will be held once a week. A class for tiny tots from 6 to 18 months of age will be held from 9:30 to 10 a.m., followed from 10 to 10:30 a.m. by a session for toddlers from 19 months through 3 years of age. There is a fee of \$6 per child for this instruction.

Also scheduled to begin on March 21 is a swim class for children 4 to 5 years of age. Screening will take place at 1 p.m. on that date, and youngsters will be placed in different groups depending upon their ability to swim

The fee for this six-week series of lessons, which will be taught by Adrienne Swinford, is \$8.

Enrollment is being handled at the gymnasium office, where additional information can be obtained by calling NWC ext. 2334.

Spring Season Volleyball

Last-minute registration is still being taken for the China Lake Intramural Volleyball League spring season.

All interested individuals, or persons who desire to form a team of their own to compete in either the coed division, or a men's division which will be split into two groups — Class A and B — should contact the gymnasium office by calling NWC ext. 2334 before 4:30 p.m. today.

Each prospective volleyball league player must obtain an Athletic Association card in order to participate.

Over-Hill Track Club to sponsor 3-mile road race Saturday

The Over-The-Hill Track Club is sponsoring a three-mile road race Saturday, March 18. Sign-ups begin at 8 a.m. at the Cerro Coso Community College parking lot with race time at 9 a.m.

The race course will go around the college parking lot, then along dirt roads to the water storage tanks south of the college, and return to the parking lot for the finish.

There will be age group awards for men and women with medals for the first three finishers in each category.

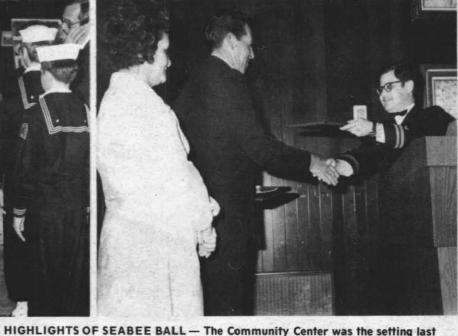
As an incentive to new runners, or those

As an incentive to new runners, or those who compete infrequently, there will be novice groups for men and women, the winners of which will receive ribbons for their efforts.

Certificates will be awarded to all finishers, and the entry fee is \$1.50 per person.

For additional information, contact Scotty Broyles by calling 446-2941.







Picking of wildflowers on Center banned

The winter season's unusually heavy rainfall has created prospects for an exceptional year for wildflowers in the upper desert area.

In view of this, it is timely to remind Centerites and all other local area residents that, without prior approval of the Naval Weapons Commander, no collection of native plants or seeds thereof is permitted within the NWC boundaries.

Accredited professional botanists, graduate students working on Command-approved projects for higher degrees, or bona fide members of the California Native Plant Society, may request approval from the NWC Commander to collect limited samples of plants or seeds for identification or for inclusion in herbariums or seed collections used for educational or scientific purposes by recognized institutions.

Those submitting such requests must identify the use to be made of specimens and the location of the herbarium or collection in which the material will be maintained.

The NWC Natural Resources Management Office (Code 26309), headed by Tilly Barling, is responsible for reviewing each request and preparing a proposed reply for signature by the NWC Commander.

No approval will be granted for collection or disturbance of any endangered or threatened plant or seeds thereof listed by the U.S. Fish and Wildlife Service under the Endangered Species Act of 1973.

Additionally, no approval will be granted for the collection or disturbance of plants or seeds thereof that are protected by statute in the State of California, or by ordinances of Kern, Inyo and San Bernardino Counties, without a prior valid permit from the appropriate state or county Agriculture Department.

Collection of native plants within the NWC

boundaries for temporary or short-term display, or for decorative or aesthetic purposes by organizations or individuals also is banned, and approval for such activities on the Center will not be granted.

Saturday night for the annual Seabee Ball which this year was held to commemorate the 111th anniversary of the Navy's Civil Engineer Corps and the 36th anniversary of the formation of the Seabees following the attack on Pearl Harbor that plunged the United States into World War II. In this group of photos, Capt. R. B. Wilson, CEC, USN, the NWC Public Works Officer who was honored as the "King Bee" of the evening, cuts the first slice of the CEC-Seabee birthday cake (top left), while his wife, Patricia, stands ready to help serve the first two slices to the oldest and youngest Seabee Reservists in attendance. They are (in photo at lower left) BU2 Harold L. Schneider, 54, (on left) and EO3 Phillip Quinton, who stood in for EO3 Wiley Allen since the latter was unable to be present for the festivities. EO3 Allen was 23 years old on Saturday. Another highlight of the evening was the presentation of the Seabee of Year award to EO1 Richard M. Hardwick (in top right photo) by Lt. Michael Levine, a former officer-in-charge of China Lake Detachment 0217 of Reserve Naval Mobile Construction Battalion 17. Looking on as her husband received this special recognition was EO1 Hardwick's wife, Jessie. Master of ceremonies for the evening was Harry Parode, NWC Public Information Officer, while Rear Admiral W. L. Harris, NWC Commander, and Mrs. Harris, were represented at the Seabee Ball by Capt. and Mrs. S. I. Stocking. He is head of the Aircraft Department. Other honored guests were R. M. Hillyer, NWC Technical Director, and his wife, Luverne, and Ridgecrest Mayor Ted Edwards and his wife, Jan. A crowd of 140 persons attended this year's Seabee Ball. The special ceremonies shown above followed a buffet-style dinner, and the evening was rounded out by dancing and listening to the music of Joe Jones and his country and western style combo.

TD Award . . .

(Continued from Page 1)
forerunners) and was responsible, during that time, for the design and development of a 2.75 in. forward firing chemiluminescent target marker, a pyrotechnic weather modification dispenser, and an airborne jet

In addition, he was in charge of the design and fabrication of the feasibility model of a combination launcher and shipping container for the vertically launched Sea Sparrow missile, as well as for a 4,000 round weather modification dispenser.

Since transferring to the Electronic Warfare Department in 1975, Gerber has become an expert in the areas of radar structures and antenna systems. He is involved in scanner failure analysis and repair work, structural resonance analysis and repair, antenna mount design and installation, RF transmission line layout and installation, pedestal failure investigation and repair, and technical supervision of the disassembly and assembly of antennas and pedestals.

His most recent accomplishment, and the one for which he received the NWC Technical Director Award, is the design and fabrication of the complete antenna system for a unique, one-of-a-kind radar. This work included the development of analytical models, handling a major portion of the RF design, as well as the utilization of novel fabrication approaches and techniques.

AFGE to meet Monday

The American Federation of Government Employees, Local 1781, will hold its next regular monthly meeting on Monday at 7 p.m. at 65-B Halsey Ave., China Lake.

Local 1781 is the exclusive representative of a unit composed of those non-supervisory civilian employees of the Police and Security Operations Division, Safety and Security Department, who are located at China Lake.

Fed'l Women's Committee 'Career Day' program slated

The first in a new series of one-day programs developed by the Federal Women's Program Committee at NWC will be held next Wednesday, March 15, starting at 9:30 a.m. at the Community Center.

A total of six such programs, which have been labeled "Career Day" sessions, will be offered at intervals throughout the coming year instead of having a full week of activities at the time of the Federal Women's Program awards banquet in October.

Reason for Change

This change is being made by the Federal Women's Program Committee in the hope that more Center employees will have the opportunity to attend a greater number of sessions than in the past.

The March 15 program also will include a luncheon that will get underway at 11:30 a.m. at the Chief Petty Officers' Club. The speaker at this time will be Dallin Childs, head of the Personnel Department's Personnel Services Division No. 1. He will discuss "Highlights of the Civil Service Reorganization and How it Affects NWC."

Reservations to attend the luncheon can be made by calling Margy Zinke, at NWC ext. 3637, or Karen Altieri, Federal Women's Program Coordinator, at NWC ext. 2348 or 2748. On the menu will be a choice of sirloin tips with noodles (\$2.50) or chef's salad (\$2).

Career Options To Be Discussed

Next Wednesday's initial "Career Day" session will be opened at 9:30 a.m. with a talk by Nick Curran, a Training Division employee, about career options open to women in the pre-journeymen and apprentice programs that have not (in the past) been considered typical or traditional for women.

Also before lunch, there will be a 90-min.

panel presentation by six women who are currently involved in either the apprentice or pre-journeymen programs, or occupy Upward Mobility positions in the Wage Grade series. The speakers will be women who are undergoing training to become air conditioning mechanics, machinists, electricians and electronic technicians.

Following lunch at the CPO Club, the "Career Day" program will continue at the Community Center, where a 30-min. talk (beginning at 1 p.m.) will be given by Lynn Lacey, who will discuss career expansion programs, assertion training and stress reduction training. Lacey is the NWC Employee Assistance Program advisor.

The final speaker of the day will be Vickie Ayers, of Code 09's Personnel and Organization Development Division. She will present information about formal training programs that are available at NWC, how to apply for fellowships, and how to get long range training.

The "Career Day" program is open to all Centerites and, where work schedules permit, supervisors are encouraged to allow employees to attend at least one of the sessions. Supervisors who attend will receive Equal Employment Opportunity training credit.

Paper presented on AMRIP work at NWC during seminar in Anaheim

The outstanding repair work being accomplished on miniature and microminiature electronic assemblies and modules by military and civilian personnel of the Navy was hailed at a recent Electronic Assembly Technology Seminar held in Anaheim, Calif.

An invited paper entitled "Current Technology for Rework of Electronic Assemblies" was presented by William Sake and John Robertson, both of the Fleet Requirements Branch in the NWC



William Sake

The outstanding repair work being acomplished on miniature and micromin-

Sake, project coordinator of the Avionic Module Repair Improvement Program (AMRIP), discussed the history and present status and capabilities of this

Under AMRIP, personnel are trained to repair the tiny electronic modules and assemblies used by the Navy. Repair and rework of these parts — used in weapons, aircraft, and ships — must be of the same quality as the original technology under which the parts were developed and built.

When the program was initiated by NAVAIR, the Naval Weapons Center was designated the cognizant field activity and tasked to develop and implement AMRIP. Currently it has been established at more than 150 intermediate level maintenance sites, including aircraft carriers and overseas bases.

overseas bases.

Critical factors in the success of the program have been the selection and multilevel training of personnel involved, selection and development of tools and hardware, and the maintenance of a standard and current level of capability at established rework and repair sites by a certification and recertification program for activities and personnel.

Major cost and time savings have accrued to the government because of AMRIP.

March 10, 1978

9 Centerites receive MS degrees under long-term training program

Nine Naval Weapons Center employees have received Masters of Science degrees after completing long-term training

Seven attended 15 months of instruction at the Naval Postgraduate School, Monterey, Calif., and two completed one semester of study at the University of Southern California in Los Angeles.

Those who attended the Naval Postgraduate School received MS degrees in Management under the Systems Acquisition Management Program. They

Attend Navy Postgrad School

Rodney D. Beran, a supervisory electronics engineer in the Weapons Department; Robert K. Bonner, a general engineer in the Long Range Planning Office of the Test and Evaluation Directorate: Paul R. Decker, a physicist in the Systems Development Department; Kinnerly W. Funk, a supervisory general engineer in the Electronic Warfare Department:

Richard Loraine, head of the Systems Effectiveness Branch of the Electronic Warfare Department: Richard G. Moe. a mechanical engineer in the Systems Development Department; and Dennis L. Potts, a mechanical engineer in the Ordnance Systems Department.

Graduates of USC

USC graduates are electronics engineers David M. Brindeiro, of the Electronic Warfare Department, and Eric Sommeria of the Weapons Department. Both received Masters of Electrical Engineering degrees.

The Postgraduate School graduates began instruction in September 1976 and graduated last December. The USC graduates completed their one semester courses in January.

Personnel presently attending school under long-range training programs include Office of Finance and Management em-

Career counseling course completed by 16 members of VX-5

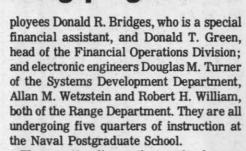
Sixteen members of Air Test and Evaluation Squadron Five (VX-5) recently completed a course in career information and counseling. The course was conducted at the NWC Training Center.

The course was geared toward reenlistment and designed to help participants get information across to enlisted personnel on the advantages of making the Navy a career, Ltjg. D. J. Holmes, VX-5 public information officer, said.

In addition to instruction on various opportunities available to persons reenlisting, station options, the VX-5 counselors were informed on total career patterns, personnel manning levels and duty assignments as they relate to Navy rates and ratings, Ltjg. Holmes said.



career information and counseling are, left to right (front), Lt. M. R. New, ADC T. G. Forrest, AD2 G. L. Harper, AZ2 M. C. White, PR3 E. G. Bishop, AO2 R. M. Suits and AT2 W. M. Just. In the back row (I.-r.) are AME3 G. C. Guevarra, AD3 K. S. Vornbrock, AME2 S. A. England, AT2 W. L. Henderson, AMS2 B. L. Prow, YN3 A. N. Brown, YN2 D. M. Marter, YN2 L. L. Bomberger and AQ2 G. L. Krebs.



Those attending other schools are physicists Keith L. Gardner, of the Systems Development Department, who is enrolled at the University of Arizona in Tucson, and Marion J. Soileau, Jr., a physicist in the Research Department, who is attending

Error noted in COM bulletin; Club will be open on March 20

Contrary to information published in the Commissioned Officers' Mess bulletin for March, the COM will be open during regular hours of operation on Monday, March 20.

The COM is now open every day of the week except Sunday for dinner service. Dinner hours are 6 to 9 p.m., Monday through Thursday, and 6 to 10 p.m. on Friday and Saturday. A special chicken dinner is served every Monday night and every Saturday night is steak night.

Next Tuesday will be "King Neptune" night at the COM with whole dungeness crab and whole broiled lobster on the menu. in addition to other seafood selections.

The next membership night at the COM is scheduled on Friday, March 17. Featured will be a St. Patrick's buffet dinner for \$3 per person and dancing from 8 p.m. to midnight to music provided by the "Sounds of Country," a popular country-western group from Las Vegas. In addition, door prizes will be awarded.

Reservations can be made for the St. Patrick's day dinner and dance by calling

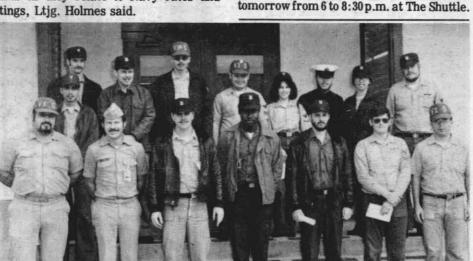
Happenings around NWC

The next meeting of the Indian Wells Valley Chapter of Federally Employed Women will be held on Tuesday, from 11:30 a.m. to 12:30 p.m., in Rm. 103 of the Training Center.

Mary Flores and Mary McMullen from the Bank of America in Ridgecrest, will discuss "Women and Credit." Those who plan to attend should bring a sack lunch.

Dance Slated at Shuttle

Appearing at The Shuttle tonight from 9 to 1:30 a.m. will be "Spice," a 5-piece rock and soul band from Los Angeles. A dinner of "surf and turf" will be served from 6 to 8. Ladies night, offering reduced prices on dinners for female patrons, is slated



CAREER COUNSELORS — VX-5 personnel who recently completed a course in



A STEP FORWARD - Robert A. Kahley (I.) and Ronald W. Jett (r.) are handed certificates by Capt. R. B. Wilson, Public Works Officer, certifying that they have completed prejourneyman training in their specialized fields. Kahley has been promoted to the rate of electrician after having completed 6,900 hours of instruction since November 1973. This instruction consisted of on-the-job training, International Correspondence School classes, Naval Technical Training Center courses, and classes taken at both Cerro Coso Community College and the Training Center. Jett, an equipment mechanic, began the prejourneyman development program for trades and crafts personnel in June 1975. He has completed 4,336 hours of training in a three-phase program in the Public Works Department machine shop, classes at the Training Center, and at Cerro Coso College.

Complaints filed about motorists exceeding speed limit on Center

Complaints have been received regarding a few drivers going at excessive speed in the south Capehart area when school is dismissed in the afternoon - especially when the regular high school class day ends.

With the warmer weather, more small children will be out to play in all areas and may get into the streets riding bicycles, to get a ball or go across the street to see a friend. They can't always tell how fast a car is moving.

China Lake residents are urged to discuss this problem with teenage drivers and other motorists in their

family. Even the driver going at the posted speed limit may be going too fast to stop in time if a child suddenly runs out into the street. In the past, a youngster was struck by a car being driven within the Center's speed limit.

The prima facie law of California states that the driver will go no faster than it is safe to do so.

All vehicle operators on the Naval Weapons Center are reminded to observe the speed limit and be on the alert and prepared to stop in time if there are children on or adjacent to the streets on which they are traveling.

Promotional Opportunities . . .

(Continued from Page 2)

equipment. Job Relevant Criteria: Reliability and dependability; shop aptitude and interest; ability to follow directions in shop; dexterity and safety; ability to work as

Electronics Mechanic (Maintenance), WG-2663-11, JD No. 465N, Code 26421, (4 vacancies) - Duties of this position are to lay out, plan, design, build, test, install, complex integral devices, sub-assemblies and complete electronic units such as remote control and telemetry, instrumentation, data recording, boiler flame safety devices, diathermy, X-ray, electro-cardiac monitors and recorders, security alarms and devices, and voltage and requency controls for power generating equipment. Job Relevant Criteria: Ability to do the work of the position without more than normal supervision; knowledge of industrial equipment operation, control and control repair; ingenuity; knowledge of electrical and electronic theory; use of test equipment; ability to troubleshoot Ability to interpret instructions, blueprints, schematics,

File applications for the above with Marge Stanton

Bldg. 34, Rm. 210, Ph. 2032. Physical Science Technician, GS-1311-8, PD No. 7832006, Code 3244 — (Known promotion potential to GS-11) This position is located in the Applied Science Branch, Advanced Technology Division, Ordnance Systems Department. The incumbent assists project personnel in the laboratory testing of fuel-air explosives and missile propellants. After discussing objective of tests with project personnel, the incumbent determines the proper chemical formulation mix and required curing time. He prepares a testing schedule, selects and modifies required equipment, formulates the substance being tested, and conducts the tests; alters tests as appropriate; responsible or control and storage of explosives under the cognizance of the Applied Sicence Branch. Job Relevant Criteria: Knowledge of formulation and forming of experimenta explosives and developments; knowledge of chemistry, algebra, and college mathematics; ability to use a variety of chemistry and physics laboratory equipment knowledge of rocket motor firing stands, hookup of firing

nes, detonators, and squibs. Aerospace Engineer, GS-861-12, PD No. 764501-1, Code 3274 - This position is located in the Solid Propulsion Branch, Propulsion Systems Division, Ordnance Systems Department, Incumbent directs and coordinates the design and development of one or more major propulsion system components, either in-house or by contract; mathematically predicts performance or design parameters; exercises technical supervision over drafts men and junior engineers; plans and evaluates test of components; represents engineering team at meetings and contractors and other activities; and performs duties associated with project's personnel, fiscal, technical, and scheduling aspects. Job Relevant Criteria: Knowledge of solid propellant rocket motor design; knowledge of pyrotechnic delay design. Demostrated skill in interpersonal relationships (working harmoniously with hers, facilitating compromise, directing work efforts of

others); ability to communicate correctly and concisely both orally and in writing. Mechancical Engineer, GS-830-11/12, PD No.

7632084 / 7645071, (2 vacancies) Code 3273 - This position is located in the Systems Technology Branch, Propulsion Systems Division, Ordnance Systems Department. In cumbent designs mechanical and insulative (thermal) components for propulsion systems, conducts internal ballistics analysis, plans and coordinates component and system test and evaluation, plans and schedules fiscal and technical effort associated with area of responsibility. prepares written oral reports, and performs ad-Relevant Criteria: Knowledge of propulsion systems and components. Knowledge of pyrotechnics and explosive technical programs and test-and-evaluation efforts. Ability to communicate correctly, both orally and in

File applications for the above with Mary Morriso Bldg. 34, Rm. 210, Ph. 2393.

This position is located in the Electromechanical Division of the Fuze and Sensors Department and is physically located at the Electromechanical Laboratory, Salt Wells. Duties and responsibilities include maintaining files and typing travel orders and vouchers, stub requisitions, of ficial letters, reports, and general correspondence of a highly technical nature. Job Relevant Criteria: Typing skills; knowledge of Navy correspondence procedures ability to meet and deal effectively with others. Ap-Woodworker, WG-4604-5, JD No. 459, Code 2591 - This

position is located in the Traffic Branch, Material (Continued on Page 7)

Navy Science Assistance Program

General Engineer, GS-801-15, PD No. 26770.1, Code 01 - This advertisement is to establish a certificate of eligibles for possible consideration for the position of Science Advisor attached to the Navy Science Assistant Program and serving on the staff of a major Navy Operational Command. Incumben reports directly to the on-site Commander and is concerned with programs relating to all aspects of naval warfare. Assignments are for extended periods of time; usually one year and require relocation. Job Relevant Criteria: Managemen knowledge of the weapons systems acquisition process; professional experience in R&D work related to ship, submarine and / or aircraft system knowledge of current state of work being done in R&D toward present and future problems in Naval Weapons Systems. The list of eligibles established for this position will be effective through Jan. 31, 1979, and is subject to re-advertisement at the request of the NSAP Coordinate File applications for the above with Cathy Rivera

Bldg. 34, Rm. 206, Ph. 2723.



GETTING THE DATA - Max Smith (r.) program manager for the supersonic tactical missile program in the Weapons Department, helps Sandy Gamble, a computer systems analyst, and Bob Garrett, a resource analyst, both from the Weapons System Cost Analysis Division of the Office of Finance and Management, gather the information they need to complete a life cycle cost analysis of the

Bluejacket of Month selected . . .

(Continued from Page 1) Appreciation from his division officer aboard the Ranger for outstanding performance of duty.

He is very active in sports at China Lake and was named Outstanding Athlete of the Year in the 1976-77 Admiral's Cup competition. This year, he has missed only one Admiral's Cup event and, at this time, is leading in the individual point standings with a total of 17, he said.

AZ2 Goode plays shortstop and third base on the Center's fast pitch softball team, was a guard on the Wild Bunch team in Division C of the China Lake Intramural Basketball League, and has signed up to play in this season's volleyball league.

AZ2 Goode, 26, is a 1971 graduate of Ballard Memorial High School in LaCenter, Kv., and attended Murray State University, Murry, Ky., as a physical education major before joining the Navy in March 1972.

He continued his education under the Navy's PACE program while aboard the Ranger and received his Associate of Arts degree in physical education in March 1974. His wife, Evyonne, is formerly of Trona,

AZ2 Goode, who has been assigned to the NWC for two years, said that he likes the Navy, its benefits and the security of a military career, but he is upset over the possibility of a change in the 20-year retirement policy.

After recruit training at Orlando, Fla., he

portant of all, however, says Erickson, are

overhead group, with only about 50 percent

component parts so that the desired job can

be done as inexpensively as possible. Not

necessarily what is the best component

available, but what is the least expensive

Erickson concludes, "Hopefully, even-

tually Code 081 will work its way out of

business by having instilled such con-

sciousness of cost in all members of the

technical community that we won't be

needed any more. But until then, we'll be

around to help where we can."

one that can do the job."

The group is organized basically as an

good judgment and total honesty.

graduated third in a class of 50 at AZ "A" School at Memphis, Tenn.

For his selection as Bluejacket of the Month, AZ2 Goode and his wife will visit Bakersfield some weekend soon under the sponsorship of Paul Meyer, owner of Bakersfield Welding. They will have their room and meals paid for there, and also will receive the loan of a new Ford from Desert Motors in Ridgecrest to use in making the

Tickets on sale for St. Patrick's dinner-dance

Tickets are now on sale for a St. Patrick's Day dinner-dance that will be held on Friday, March 17, at Joshua Hall on the Desert Empire Fairgrounds in Ridgecrest.

This event, which is co-sponsored by the Catholic congregations of the NWC All Faith Chapel and St. Ann's Parish in Ridgecrest, will feature a steak dinner with wine, Irish coffee and dancing to the tunes of a musical group led by Mike Garrett.

Thursday, March 16, is the deadline for purchasing tickets (priced at \$7.50 per person), which can be obtained after weekend masses at either the All Faith Chapel or at St. Ann's Catholic Church.

The tickets also are available during the week at the NWC Chaplain's Office, phone ext. 3506, or at St. Ann's School, phone 375-

Dave and Katy Mechtenberg are the general coordinators of the St. Patrick's Day fete, which will begin with a social hour at 6:30 p.m. Dinner is to be served at 7:30 and dancing will start at 9.

Nominees picked . . . of its funding being from project money. This enables its members to maintain their

(Continued from Page 1)

Although HM2 Conley was singled out as the 1977 Blue jacket of the Year from among all enlisted personnel at China Lake, since she is assigned to duty at the Medical Clinic (a separate command) AD1 Walker, runner-up for the 1977 Bluejacket of the Year honor, was chosen to represent NWC in the CNO Shore Sailor of the Year competition.

AD1 Walker is in charge of the Power work or for transportation and supply.

AMH1 Lambrecht, the CNO Sailor of the problems during flight.

Project Engineers Helped Increasingly the division is also involved in work to help project engineers design to

"This," notes Erickson, "is a mental thing. The engineer must believe that such designing to cost is important enough so that at each step of the design and development process he will consider all alternative methods of operation and

Plants Shop at the NWC airfield, where he supervises maintenance work on the various types of aircraft used in project

Year nominee from VX-5, is one of four troubleshooters assigned to the squadron's Line Division. He is involved in the final checkout of aircraft before they take off keeping an eye open for any type of minor repairs that may be needed to prevent



INSTALLATION CEREMONY HELD - Maj. Keith Manfull, U. S. Air Force retired (extreme right), receives the gavel as incoming president of the Indian Wells Chapter of the Retired Officers Association from NWC Senior Chaplain Capt. Theodore C. Herrmann, ChC, USN. The ceremony took place on Feb. 23, at the Commissioned Officers' Mess. Also installed were (left to right) Maj. Manuel Torres, U. S. Air Force retired, second vice-president; Lt. Col. Bobby Conners, U. S. Army retired, third vice-president; Warrant Officer Jim Elder, U. S. Navy retired, secretary-treasurer; and Lt. Col. Ben Hartman, U. S. Army retired, first vice-president. Chaplain Herrmann, who was installing officer, retired from the Navy last week. The association's outgoing president was LCdr. Lou Czerwonka, U. S. Navy retired.

Life cycle cost big factor in weapons development estimating, knowledge of cost equations, Code 081 personnel work closely with and modeling is also desirable. Most im-

By Mickey Strang During World Wars I and II, for Korea, and

for the war in Vietnam, weapons and weapon systems were designed with primary emphasis on performance with cost only a secondary item to be considered.

Now, however, with increasing competition for the tax dollar, both from within the Department of Defense and between the Department of Defense and other departments of the government, accurate estimates of life cycle costs of a weapon or weapons system weigh heavily in government decisions as to which of several potential competing systems will be developed. Potential performance must be balanced by cost.

The Naval Weapons Center's response to the new emphasis is centered in the work of the Weapons System Cost Analysis Division (Code 081) of the Office of Finance and Management.

Code 081 Responsibility

Code 081 is tasked to estimate life cycle costs of weapons systems (mainly conceptual tactical missile systems and components), and to assist engineers and scientists with "design to cost" operations. Three phases are involved in estimating

the life cycle costs of a system.

First comes the RDT&E phase - from the time that the system is merely a concept in the mind of the engineer through the development of experimental hardware, testing of the hardware, and evaluating the potential of the result.

The second phase of life cycle costing involves estimating procurement costs to would run in order to ready it for cycle costing. deployment in the Fleet.

No Crystal Ball Used

is phased out some decades later.

computer modeling are used to estimate life

Engineering drawings are analyzed, cost future prices.

cycle costs.

past experience, it is safe to assume that rising prices will continue; a crystal ball would help determine just how much they personnel from the technical departments

to develop the data base necessary for projections. Erickson stresses that the coordination of effort is essential for the division to support the operation of these departments. "Our function is to protect the project

engineer - to keep him from being surprised," says Erickson. This is done by giving him an honest estimate of the life cycle cost of his project, so that he will be prepared for any questions that may be asked of him.

Close Contact With Washington

"We interface with our counterparts in Washington informally, and know somewhat how they think," Erickson continued. "While there is great uncertainty in any results that we get, we try to give an honest and conservative appraisal to our project people so that when it is appropriate, they can advocate a project realistically. And advocacy is sometimes very much in order."

Erickson is quick to point out that his group does not deal directly with Congress or Congressional budget committees; the group is strictly a support function for the Center, and has taken outside work only when that has been appropriate to the NWC

Unique Division

The Weapons System Cost Analysis Division is unique in the Navy laboratory community as being a recognizable entity that is both visible and visibly supported by determine what manufacture of the system
Center management to perform honest life

It was formed in 1973 at the behest of Dr. Walter LaBerge, who was Technical The third phase of life cycle costing in- Director at that time. The formation of the volves expenditures for operating and group had the enthusiastic support of Mel maintaining the system in the Fleet until it Sorge, head of Central Staff, the precursor of the current Office of Finance and Does Code 081 use a super crystal ball for Management.

Professional division staff consists of the Not at all, says Division Head Floyd division head, two computer systems Erickson. Statistical techniques and analysts, four resource analysts, and four engineers.

When asked what he'd consider as the ideal background for a professional staff data examined, costs are estimated on the member in his division, Erickson laughs basis of prior experience and projections of and says that such a person should have a technical background, come from a This is where one bit of crystal-balling is technical environment, have at least 25 needed, notes Erickson wryly. Based on years experience in the aerospace industry, have been exposed to manufacturing technology, and have a broad overview.

A knowledge of specific techniques of