



WHOOO ME? After watching a movie ("Fire and the Witch"), in connection with Fire Prevention week, Oct. 5-11, Capt. Gene G. Villalba, of the China Lake Fire Division (right) hands out fire hats, and introduces the children of the China Lake Nursery School to Woodsey the Owl. Mrs. Barbara Wicker, director of the school, leads the children in singing the Woodsey the Owl song as a tribute to their special visitor. Representatives of the Fire Division visited each of the local schools to alert children to fire dangers as part of the local observance of Fire Prevention Week.

—Photo by Ron Allen



Commissioned Officers' Mess
Tomorrow will be King of Roasts night at the Commissioned Officers' Mess. Featured on the menu will be a full course prime rib of beef dinner that will be served from 6 to 10 p.m.
Coming up next week at the COM is a Japanese dinner highlighted by the choice of beef yakitori or shrimp tempura on Thursday, Oct. 16, from 6 to 9 p.m.
Plans also have been announced for another of the COM's membership night fetes on Friday, Oct. 24. For that special occasion, the main entree on the menu will be Cornish game hen served with salad, baked potato and vegetables from 6:30 to 9 p.m.
There also will be music for the listening and dancing pleasure of COM members and their guests that will be provided by "Meltdown," a four-piece group from Los Angeles that has an extensive repertoire of oldies but goodies.
The cost of this evening of dining and dancing is \$4 for COM members and their spouses, and \$5 for guests. Reservations, which are a must, can be made by calling the COM office at 446-2549 no later than 5 p.m. on Thursday, Oct. 23.

Chief Petty Officers' Club
A social hour from 5 to 6 p.m. will begin the festivities for Reverse Boss Night at the Chief Petty Officers' Club next Friday, Oct. 17.

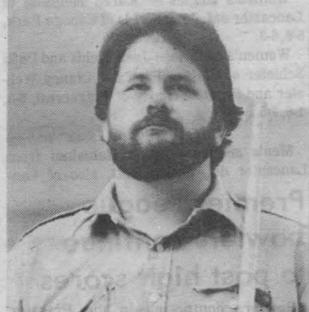
Following the social hour, a dinner featuring a choice of prime rib of beef or Icelandic cod will be offered in the CPO Club dining room.

Entertainment for this special occasion will be provided by the Country Associates, a local 5-piece combo led by Gene Blurton.

Enlisted Mess
"Glass Heart," a contemporary-rock music group, consisting of three guys and a gal from the Los Angeles area, will be performing for the listening and dancing pleasure of Enlisted Mess patrons this evening from 9 until 1:30 a.m.
A seafood plate will be the main fare on the EM menu this evening. Dining hours are from 6 to 8:30 p.m.

Tom Lehmann stars in CLOTA version of 'Cuckoo's Nest'

Tom Lehmann and Suzanne Koerschner head a cast of talented people selected by director Elena Vitale to portray the occupants of a state mental institution in the Community Light Opera and Theater Association's fall production of "One Flew Over the Cuckoo's Nest."
Lehmann as Randall P. McMurphy and Mrs. Koerschner as Nurse Ratched promise to make the sparks fly when they confront each other in Ken Kesey's drama of personality conflict.
Mrs. Koerschner's most recent CLOTA production was direction of "Gigi," while Lehmann appeared in "Private Lives."
Other prominent characters familiar to local playgoers are Rus Stedman, who will play Dale Harding; David Craddock, who will be seen in the role of Billy Bibbit; and Rudyard Stone, who will portray Martini.
Another familiar face will be Julie Standard as Nurse Flinn. Marlene Page, who will play the flirtatious Candy, has also appeared before for CLOTA.
"One of the most satisfying things about the tryouts was the number of talented newcomers who tried out," said Director Vitale, who cast newcomers in some of the drama's major roles. Art Owens will play



CHIEF BROOM — NWC employee Art Owens has one of the principal parts in the upcoming CLOTA production of "One Flew Over the Cuckoo's Nest." Chief Bromden, the Indian who serves as narrator, and Tim Outcault will portray Cheswick. Other acting talents new to CLOTA are Kirsten Ives as Sandy and Jim Matson as Scanlon.

The cast is rounded out by Carl Young, John Clark, Bill Altieri, Don Tilford, H. E. MacDonald, Kathy Schimpf, Kathy Matson and Pat White.
"One Flew Over the Cuckoo's Nest" will be presented at the Burroughs High School lecture center on Oct. 17, 18, 24 and 25.

Cerro Coso plans party at roller skating rink

A roller skating party, arranged by the associated students of Cerro Coso Community College, will be held tomorrow night from 7 to 10 o'clock at the Youth Center skating rink on the Naval Weapons Center. Snacks and beverages will be provided, and there will be a roller skating exhibition by Annette Mathes, a student at Cerro Coso.
The price of admission is \$3 for a family ticket (good for admission of as many as five persons), \$1 for general admission, and 50 cents for holders of Cerro Coso College associated student body cards.
The roller skating party is open to all interested persons.

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CALIFORNIA

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INSIDE ...

- Navy Birthday Messages 2
- Handicapped Awareness Week 3
- FWP Award Nominees Sought 4
- Surplus Property Auction Set 5
- Sports 6
- COM Membership Drive 8



HONORED BY AIR FORCE — Judson C. (Jud) Smith accepts a plaque prepared for him by the U.S. Air Force in recognition of his significant contributions to the field of defense suppression. The plaque was presented by Lt. Col. J. R. Gibbons (at right), USAF Liaison Officer at NWC. Present for the ceremony was G. R. Schiefer, head of the NWC Electronic Warfare Department.

Tribute from Air Force Smith gets plaque for work on anti-radiation missiles

An Air Force plaque, recognizing the special contributions made in the field of anti-radiation missiles throughout an extended period of time, was presented last Friday to Judson C. (Jud) Smith, a special assistant for analysis in the NWC Electronic Warfare Department (Code 35).
Since Smith is on sick leave, the presentation, which was made on behalf of the Air Force by Col. J. R. Gibbons, USAF Liaison Officer at NWC, took place at Smith's home in Ridgecrest. Also present for the ceremony was G. R. Schiefer, head of Code 35.

Smith has been involved in the field of defense suppression during the past 27 years that he has been employed at the Naval Weapons Center and its forerunner — the U.S. Naval Ordnance Test Station.

HEAVILY USED BY USAF
According to Col. Gibbons, the Air Force has been utilizing such anti-radiation missiles as Shrike and standard ARM (anti-radiation missile) for the past 13 to 14 years, and is looking forward to the use of the soon-to-be-produced high speed anti-radiation missile (HARM).

Smith, the USAF Liaison Officer noted, was involved in the first work that went into the creation of these missiles and has continued to work in this field until the present time. He is recognized internationally as expert in defense suppression and counter defense suppression.
The message engraved on the plaque presented to Smith from the Air Force read: "On behalf of the many aviators who have returned safely from battle protected by missiles bearing the imprimatur of your engineering brilliance."
One of the few Congressional Medal of Honor winners during the Vietnam war, Col. Gibbons noted, was a U.S. Air Force pilot who was cited for bravery in attacking and

destroying a surface-to-air missile site using Shrike missiles and other ordnance.

Since joining the work force at China Lake in 1953 as an employee in the Ballistics Division of the Research Department, Smith's contributions have spanned the areas of defense suppression systems analysis, tactics, systems effectiveness, operations research, threat analysis, systems integration, and systems simulation and synthesis.

As a result of his technical skills and leadership ability, analytical models and techniques have been developed that are unique in the field, and have become standard throughout the defense suppression community.

Using the models and techniques, Smith and his subordinates have contributed substantially to the design and development of state-of-the-art defense suppression weapon systems. Prime examples of systems that would not exist had it not been for Smith's efforts are Shrike, the 2.75-in. and Zuni rockets, and the HARM weapon system.

Earlier this year, Smith was presented the Navy Meritorious Civilian Service award for his significant contributions to the field of defense suppression.

Payment of Variable Housing Allowance OK

An Executive Order was signed by President Carter last Friday authorizing the payment of a Variable Housing Allowance (VHA) for military personnel in the continental United States during Fiscal Year 81.
While VHA will be effective in October, its payment still must await the final computations of rates for each area in the continental U.S.

Project 2000 is program planning for what can be made to happen at NWC

"Technical forecasting is not guessing what will happen — it is planning what can be made to happen."

While this statement was not originated by Jim Bowen, head of the Naval Weapons Center's Project 2000 Office, it sets forth the reason for actions being taken by Bowen and his co-workers in their effort to develop a definitive study of the status and needs of all major physical resources (except family housing) at NWC.

Bowen, who was the luncheon speaker at a recent luncheon meeting of Chapter 28 of the Federal Managers' Association,

Military pay raise due on Oct. 15 checks

Paychecks issued to military personnel on Oct. 15 will reflect the 11.7 percent increase recommended by Congress and approved by the President.

The Personnel Service Detachment's Military Pay Division learned on Oct. 2 that a continuing resolution to fund government operations and pay its civilian employees and military personnel had been signed by Congress.

The continuing resolution was necessary because none of the regular appropriation bills were enacted into law as Fiscal Year 1980 drew to a close at midnight on Tuesday, Sept. 30.

The stopgap money bill extends the federal government's spending authority in order to give Congress time to return from its election recess and finish work on the FY 81 budget and regular appropriation bills.

OTHER INCREASES DUE

In addition to the 11.7 percent pay increase, other personnel-related features of the FY 81 Defense Authorization Bill include a 10 percent boost in basic allowance for subsistence, increased pay for enlisted personnel serving at sea, and a reenlistment bonus for military men and women with more than 10 years but not more than 14 years of service.

In addition, a family separation allowance of \$30 per month is authorized for military personnel in grades E-1 through E-4 who are separated from their dependents for 30 days or more. Also, the existing ceiling of 74 cents per mile for moving mobile homes is removed. Authorized instead is reimbursement equal to the actual cost of a move or an amount equal to the cost of moving the serviceman or woman's maximum household goods weight allowance, whichever is less.

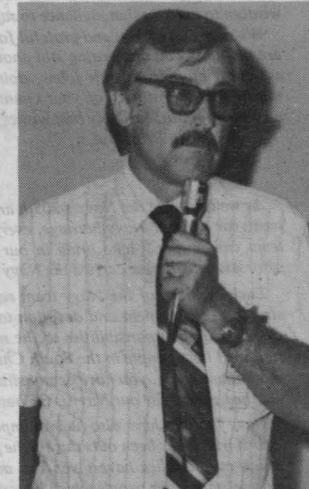
Under the FY 81 Defense Authorization Bill, the Secretary of Defense is permitted to award a continuation bonus to aviation officers who have between 6 and 18 years of aviation service. The maximum annual bonus authorized is equal to four times the aviation officers' monthly basic pay.

There also is an increase from \$3,000 to \$5,000 in the maximum enlisted bonus for individuals who enlist in certain skills, and the maximum selective reenlistment bonus is increased from \$12,000 to \$16,000 for non-nuclear trained personnel, and from \$15,000 to \$20,000 for nuclear trained personnel.

by outlining the methodology used in developing what is a long range corporate investment plan for the Center's physical resources through the year 2000.

This formidable task has developed into defining NWC's research, development, test and evaluation thrusts for the future, the formulation of guidance documents, and the evaluation of current facilities and equipment in order to arrive at preliminary investment alternatives that identify resources necessary to insure continued effective mission performance for the next 20 years.

NWC departments were asked to review the Project 2000 staff effort at setting forth the Center's RDT&E thrust by looking into their own crystal ball and then determine



Jim Bowen

what facilities, equipment, personnel, and skills will be needed in the future.

What came back, Bowen told his FMA audience, were 139 requests for facilities projects. Concurrently, existing facilities and equipment were thoroughly analyzed and the results of these two evaluations were compared to come up with proposed investment alternatives.

"Modernization of NWC's facilities and equipment," Bowen said, "will enable the Center to maintain competency in an advancing technological environment, provide the Center with an improved capability to attract and retain high-caliber technical personnel, and, if called upon, vastly improve our position to take on additional assignments for the Navy and the Department of Defense."

Currently, the Project 2000 Office is in the marketing phase of the study, which means gaining the backing of and ultimately the financial support for the proposals it contains. New facilities investment needs (including a planning wedge) identified thus far amount to \$393 million in FY-80 dollars for the next 20 years, for an average investment cost of \$20 million per year.

Top Navy officials in Washington have expressed considerable interest in this study and, Bowen said, have suggested that the methodology and techniques used to

(Continued on Page 5)

1,000 members by end of 1980 goal of COM membership drive

A membership drive with a goal of increasing membership in the Commissioned Officers' Mess (Open) from its present total of 770 to 1,000 by the end of the 1980 calendar year has been launched.

This is a three-phase effort. First, 100 invitations per month will be mailed to eligible Naval Weapons Center employees inviting them to be guests of the COM at one of the monthly Membership Night fetes.

In addition, current members of the COM are urged to sponsor a person who is eligible for membership. If that individual joins the COM, the sponsor will receive credit for one month's dues.

Another part of the effort to build up membership in the COM is a direct appeal that is being made to all those who are eligible to join to visit the COM for lunch and/or dinner. The COM management is confident that those who do will enjoy the experience and be impressed by the service and quality of the food.

All active duty and retired military officers are eligible for membership in the COM, and associate membership is extended to the following NWC civilian personnel:

(1) Those in GS-9 and higher positions, as well as GS-5 and GS-7 technical and administrative personnel in positions that are classified in two-grade interval series and have the known promotion potential to GS-11.

(2) Trades and labor employees who fall into the categories of general foreman, supervisory shop planner, supervisory planner and estimator, and supervisory inspector.

(3) Personnel of NWC support activities

Navy Birthday sale
set next week at NEX

A Navy Birthday sale, featuring savings in every department of the main Navy Exchange store, will be held next week from Tuesday through Saturday.

Dollar-wise military shoppers can pick up a sales circular at the NEX and jolt through it for savings on clothing, jewelry and stereo equipment, for example.

The Navy's 205th birthday sale also includes reduced prices on some products and services at the NEX service station, as well as at the Mini-Mart.

who are employed on Center in positions that are equivalent to eligible Civil Service employees. In this group are employees of the Recreational Services Department, Commissary Store, Navy Exchange, and Employee Services Board (ESB).

(4) Key concessionaire personnel of the ESB who are equivalent to eligible Civil Service employees in their job responsibilities.

(5) Contractor technical services personnel and field service representatives who are assigned temporarily to NWC departments in support of a weapon program, equipment or system, and who are occupationally equivalent to Civil Service employees eligible for COM membership.

(6) Consultants — experts whose services are generally contracted for in professional, scientific, or technical field — also are eligible to join the COM.

Others eligible for membership in the COM are unmarried widows of civilians who were members of the COM at the time of their spouse's death, and retired employees of NWC who were members of the COM at the time of their retirement.

Persons who fall into any of the above categories, and are interested in joining the COM, are asked to pay a visit to the COM and fill out a membership form, or call 446-2549 and a membership form will be mailed to them.

Light-hearted look at astrology topic of WACOM meeting

The first luncheon meeting of the fall season will be held on Tuesday by the Women's Auxiliary of the Commissioned Officers' Mess (WACOM).

This event will get underway with a social hour starting at 11 a.m. at the COM, and lunch will be served at 11:45.

Entertainment will be provided by Lenno Wells, an actress, singer, and model, who will present a light-hearted approach to the subject of astrology. Her show, a mini-musical, will include on-stage changes into glamorous gowns that are a part of her wardrobe.

All members of WACOM, or women whose husbands are members of the Commissioned Officers' Mess, are invited to attend the October meeting. Reservations are being handled by Dale Huckins, phone 375-7655.



Tigers take over 1st place in Slow Pitch Softball League

The Tigers, winners last week over Oly's and the NWC O's by scores of 13-2 and 26-11, respectively, took over first place in the Military Slow Pitch Softball League winter season competition.

The Tigers gave up two runs to Oly's in the top half of the first inning, but then shut out their opponents for the remainder of the game.

In an abbreviated 5-inning contest, the Tigers tallied three runs each in the first and second frames, scored six more in the third inning and tacked on one more run in the fourth for good measure as they rolled to a lopsided 13-2 victory.

Desi Latorre led the Tigers at the plate with three hits (all singles) in three times at bat, while two of his teammates—Marty Lyle and Chris Long—hit a homerun and a double and two singles, respectively, in each of their two times at bat.

In the slugfest between the Tigers and NWC O's, the Tigers had the best of it as they hammered out 31 hits in seven innings of play, compared to 19 for the NWC O's.

After four innings of play, it was a 11-10 ball game, with the Tigers on top by one run following a 7-run rally by the NWC O's in the last half of the fourth. After that, however, the Tigers clawed their opponents by scoring 7 runs in the fifth, 2 more in the sixth, and finished the game with 6 runs in the top of the seventh, while holding the NWC O's to just one run in the last three innings of play.

Marty Lyle was credited with 9 RBIs for the Tigers, as he had 4 hits in 5 times at bat, while Chris Long and Mike Lambert scored 5 runs each for the Tigers. Long was 5 for 6 at the plate; and Lambert and Doug Cade of the Tigers were 4 for 6 and 4 for 5, respectively, during their turns at bat—all singles.

Three players for the NWC O's hit .750 by going 3 for 4 at the plate. They were Tommy Mariner, Joe Sweeney, and Bob Lietzel.

In two other slow pitch games played last week, the NWC O's held off a rally by the Outlaws in the game's final innings to win

(Continued on Page 7)

Results reported of Youth Soccer League tilts

Warm weather was no obstacle to a full 16-game slate of China Lake Youth Soccer League games last weekend at Davidove and Schoeffel Fields.

In spite of the three-day weekend coming up, Youth Soccer League players will tangle again tomorrow. The first games on both fields will start at 8 a.m. and action will wind down at around 5 p.m.

The Hawks and Roadrunners registered lopsided wins of 5-0 and 6-0, respectively, over the Roadrunners and Coyotes in two Division 1 tilts last Saturday. Game No. 3 in this division (for 1st graders) was won, 2-0, by the Owls over the Cobras.

Brad Bays was singled out as the top player on offense for the Hawks as he tallied one goal unassisted and was credited with an assist on a tally chalked up by Vared Christensen. Other goals for the Hawks were scored by Danny Moldenhauer (2) and Christensen on a solo effort.

Ted Mechtenberg was the scoring dynamo behind the Eagles 6-0 defeat of the Coyotes. He tallied four times — twice on assists from Ryan Christensen and two solo goals. Mike Matson and Gregory added to the Eagles' win with one goal apiece.

While the score was close (2-0), the Owls were in control throughout the game in their win over the Cobras. David Bartels and Derek Brown booted the ball into the net to

Burros defeat Palmdale 22-6 in league opener

Burroughs High School's varsity and sophomore football teams will be on the road this afternoon for games against their counterparts from Saugus High School.

The football field at the College of the Canyons will be the location for this Golden League gridiron competition between the Burros and Centurions. The sophomore clash is scheduled to start at 5:15 p.m. while the varsity game is due to get underway at 8 o'clock.

Last Friday night on their home field, the BHS varsity gridders broke into the win column for the first time this season by slapping a 22-6 defeat on the Palmdale Falcons.

The Burros dominated the game and would have run up a higher score had it not been for three touchdowns (all tallied by Albert Pinchem) that were nullified by penalties.

As it was, the BHS varsity drove 56 yds. for a touchdown on its second possession of the ball in the game. Three passes thrown by Quarterback Billy Brown were key plays in this first period scoring drive.

Brown hit Curtis Edmonson for a gain of 25 yds. and a first down on the Palmdale 25. Following that, after it looked like a 15-yd. penalty back to the 39 might stall the Burros' offense, Brown completed back-to-back passes to Edmonson and Mike Cubit to give the BHS varsity a first down on the Palmdale 13.

Two plays later, Pinchem sprinted to the 1-yd. line, and Joey Adams then plunged over for the touchdown. The PAT was good on a kick by Jon Wheeler and the Burros had a 7-0 lead with a little less than 3 min. to play in the first quarter.

Before the end of the first period of play, a punt return by Pinchem to the Palmdale 41 gave the BHS varsity gridders good field position. From the Falcons' 25 yd. line, Pinchem broke through the line and scored what appeared to be the Burros' second touchdown of the first quarter—only to have the ball brought back and a 15-yd. penalty assessed against the Burros for holding.

Moments later, with the second period now underway, the interception by the Falcons' Ritchie Rogers of a pass thrown by Brown turned the ball over to the Falcons. Rogers was hauled down after a 43-yd. run to the BHS 27, and Palmdale had its best field position up to that point in the game.

A fumble recovery by Burroughs quickly stymied this threat, however, and the Burros' offense once again was off and rolling. Pinchem broke loose for a gain of 45 yds. to the Palmdale 20 yd. line, and a penalty against the Falcons moved the ball to the 11.

account for the only goals scored in this contest.

In Division 2 (for 2nd graders) the Fury and Sunshine battled to a scoreless tie, while the Express and Apollos won their games over the Rowdies and Chiefs by scores of 1-0 and 3-0, respectively.

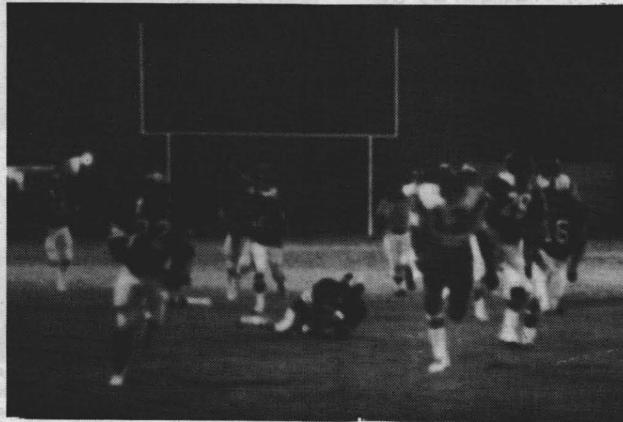
A good part of the game between the Fury and Sunshine was played around midfield, but players for the Fury began to get their offense moving late in the contest and just missed scoring a game-winning goal, only to have the ball bounce off the goal post.

Shawn Hamilton was in the right place at the right time to score a goal for the Express and give his team a 1-0 win over the Rowdies. Standouts on defense in this hard-fought game were Timmy Bizon, of the Express, and Danny Banura for the Rowdies.

Excellent defense by the entire team resulted in a 3-0 win by the Apollos over the Chiefs. Matt Mann scored twice, once on an assist from Wendy Meeks, and Brian Mather chipped in the other goal for the Apollos.

Results of games played in Division 3 (for 3rd graders) were Blizzard 2, Aztecs 1; Earthquakes 3, Lancers 0, and Sockers 2, Cosmos 0.

The Aztecs averted a shutout in their game against the Blizzards by breaking



OFF AND RUNNING — Albert Pinchem (at left), ace running back for the Burroughs High School varsity football team, bolts down the sidelines on a 63-yd. touchdown gallop after intercepting a pass in last Friday night's game against Palmdale. Pinchem scored two touchdowns in the Burros' 22-6 win over the Falcons, and also tallied three more times on scores that were nullified by penalties. The Palmdale player nearest to Pinchem on this scoring run is Lanell Culver (white jersey No. 12), a defensive secondary player who also quarterbacked the Falcons on offense. —Photo by Sam Wyatt

Ralph Aguon blasted through to the 2 yd. line, and Pinchem hit paydirt on the next play. An offside penalty against the Burros nullified this score, however, and Brown was dropped on the Falcons' 15 while trying to get off a fourth down pass.

On their next possession of the ball, following a punt by the Falcons, the Burros started from their own 35, but were penalized 15 yds. back to the 20. Tom Steed popped up to intercept a pass by Burros' Quarterback Brown and, once again, the visitors were in good field position at the BHS 31 yd. line.

Dolphins, Raiders defeat teams from Trona, Tehachapi in Youth Football League games

Two of the better teams in the Tri Valley Youth Football League came through with wins over their opponents in games played last Saturday.

The Dolphins, of the Sophomore Division, made it two wins in a row in regular season play as they outscored the Trona Steelers 16-6 in a game played here at Kelly Field.

It was strictly no contest for the Senior Division Raiders, who romped to a 58-0 win over their counterparts from Tehachapi in a game played at Tehachapi.

The Dolphins scored a touchdown in the first quarter on a 10-yd. run by Maurice

through to tally a fourth quarter goal that was chalked up by Dean Johnson. Jeremy Osburn was credited with assists on the two goals registered by the Blizzards that were scored by Jason Branson and Peter Martinez.

In the only other Division 4 game (for 4th graders), David Mann and John Duncan tallied one goal each for the Drillers to lead their team to a 2-0 win over the Atoms. Carl deHaan, goalie, blocked several shots by the Atoms, including a penalty kick, to preserve the shutout win.

In Division 5 contests (for 5th and 6th graders), the Sounders and Whitecaps overcame their opponents, the Roughnecks and Whitecaps, by scores of 5-1 and 4-0, respectively. In other more closely played games, the Tornado team edged Hurricane 2-1, while the Diplomats and Surf posted 1-0 shutouts over the Kicks and Rogues, respectively.

The Sounders combined good passing on offense and hustle on defense in their 5-1 win over the Roughnecks. Eric Wee (2 goals) and Jason Cherry, Jon Bainbridge, and Tim Wee (1 each), got in on the scoring for the Sounders.

A good recovery from a lopsided loss in the first week of the season was shown by the Sting, which shut out the Whitecaps 4-0

(Continued on Page 7)

The aerial game also backfired on Palmdale when, two plays later, a partially blocked pass was intercepted by Pinchem, who scampered 63 yds. down the west sideline for a touchdown. The PAT by Wheeler was good—boosting the Burros' lead to 14-0.

Seconds before the first half ended, a pass thrown by Brown was intercepted by Palmdale on the Falcons 1 yd. line. Billy C. Richardson, defensive back for Burroughs, slashed through to drop lanell culver, the Palmdale quarterback, behind the goal line for a safety that added 2 more points to the

(Continued on Page 7)

McDowell, and then went ahead 8-0 when Dennis Adams tacked on 2 points after the touchdown on a run.

In the second period of play, Kyle Blecha tossed a pass to Julius Lewis that was caught for a gain of 22 yds. and the game's second tally for the Dolphins. Following the touchdown, Adams again ran the ball over the goal line to give the IWV team a 16-0 halftime lead over the Trona Steelers.

Defensive play dominated the action for most of the second half until Lyle Carey broke loose on a 78-yd. run to paydirt for the Trona Steelers, and the game ended with the score 16-6 in favor of the Dolphins.

McDowell and Adams were the leading ground gainers for the Dolphins. In six carries each, they picked up 64 and 48 yds., respectively. Carey gained 92 yds. in nine times with the ball — most of it coming on his 78-yd. scoring run.

TOTAL TEAM EFFORT

A total team effort that included a good job by the IWV Raiders' offensive line in opening up holes and carrying out blocking assignments, as well as a topnotch job on defense by all hands resulted in a 58-0 shutout win by the Raiders in their game at Tehachapi.

Chad Carrasco, running back for the Raiders, figured in five of his team's nine touchdowns against Tehachapi. He tallied on a 1-yd. plunge in the first quarter and barreled into the end zone from 20 yds. out for another touchdown in the second period.

In the second half, Carrasco tossed two touchdown passes to Timmy Lewis and one to Mike Stanley on plays that covered 25, 35, and 10 yds, respectively.

The Raiders' scoring parade also included a 36-yd. touchdown pass from Lewis to Rigoberto Ortiz in the second quarter; and a 10 yd. romp early in the third period of play by Stanley, as well as a safety when Ron Lay tackled a Tehachapi ball carrier in the Tehachapi end zone.

No other results of last Saturday's Tri-Valley Youth Football League games were made available to The ROCKETEER.

Nat'l Handicapped Awareness Week to be observed Oct. 13-17

The Naval Weapons Center will join other federal activities around the nation in observing National Handicapped Awareness Week during the period from Oct. 13 through 17.

Locally, plans have been made for a program that will be held on Thursday, Oct. 16, from 9 to 11 a.m. in the Michelson Laboratory auditorium.

All Centerites are invited by the NWC Equal Employment Opportunity (EEO) Committee and the Handicapped Employment Advisory Sub-committee to attend next Thursday morning's program.

Beto Bernal, head of the Center's EEO Office, will conduct a new training module that has been developed on the subject of

NWC Bluejacket of Quarter honor goes to AZ3 Billi Taylor

Aviation Maintenance Administration-man Third Class Billi A. Taylor has been selected as Naval Weapons Center Bluejacket of the Quarter for the 3-month period of July through September 1980.

Bluejackets of the Quarter are chosen from Bluejackets of the Month during each quarter of the year. The Bluejackets of the Quarter from the Naval Weapons Center and from Air Test and Evaluation Squadron Five then become eligible for the Bluejacket of the Year competition held under the sponsorship of the Indian Wells Valley Council of the Navy League.

Petty Officer Taylor is assigned to Maintenance Control as the early shift maintenance control representative, where her duties include organizational control, update and verification of aircraft discrepancy books, coordinating scheduled aircraft early launches and validation of the Supply NORS Report.

Cited for her enthusiasm and her superb professional skills, AZ3 Taylor not only was selected as Bluejacket of the month for August, but again was nominated (by a different supervisor) for the same honor in September.

For her selection as Bluejacket of the Quarter, AZ3 Taylor will have the use of a rental car from Hucck's Travel Service for the weekend of her choice, plus a \$25 gasoline allowance from the Ridgecrest Chamber of Commerce. She will also receive a gift certificate worth at least \$25 from the CoFC and will join members of the local businessmen's group at either a breakfast or lunch meeting. Rounding out the list of her awards is a dinner for two at Clancey's Claim Co. in Ridgecrest.



SET TO GO — Dick Johnson (l.), key person for the Technical Information Department, watches as L.Cdr. Bob Strath, CFC Coordinator, gives brochures and other campaign materials to HTC R. F. Landon, key person for the Military Administration Department. Key personnel for the Combined Federal Campaign were briefed and received their campaign materials last Friday afternoon. The CFC will run throughout the month of October. —Photo by Ron Allen

Navy, Ridgecrest Hospital join to bring Tel-Med to community

The recent signing of a memorandum of understanding by the Naval Regional Medical Center, Long Beach, Calif., and the Ridgecrest Community Hospital has cleared the way for making available here tape-recorded information covering a wide variety of medical subjects of interest to the general public.

The program, known as TEL-MED, Inc., will be launched here next Wednesday, Oct. 15. Its beginning has been timed to coincide with the distribution of a brochure describing what the program is, how it functions, and listing the tape-recorded messages by number and subject.

TEL-MED is a collection of tape-recorded health messages that have been carefully selected to help individuals remain healthy by giving preventive health information, provide callers with information designed to aid them in recognizing early signs of illness, and help those who are ill to adjust to a serious illness.

Each tape will be 3 to 7 min. long and every tape will have been screened prior to its selection by a committee composed of two physicians and a staff member from the Ridgecrest Community Hospital and one NRMCMC physician.

FREE PUBLIC SERVICE

TEL-MED, a free public service, is intended to increase its users' understanding of good health. It should not, local medical authorities emphasize, be used to replace a direct talk or visit with an individual's family doctor or a visit to hospital emergency room.

According to LCdr. Greg Waddington, officer-in-charge of the China Lake Branch Medical Clinic of the NRMCMC, Long Beach, the Navy has agreed to purchase 226 tape recordings from TEL-MED, to pay a fixed monthly charge to cover operating expenses, rental of telephone lines, and the cost of printing any brochures associated with the TEL-MED Systems.

For its part in this pre-recorded medical information program, the Ridgecrest Community Hospital is to purchase and install a special telephone receiver, three cartridge playback units, and two storage units in which the tape recordings will be kept.

In addition, the Ridgecrest Hospital will provide personnel to operate the telephone message system 24 hours a day, seven days a week.

Not unlike other pre-recorded in-

"Learning About Disabled Workers." It is designed to prepare workers for the entry of disabled person into their work unit. There will be a self-evaluating quiz designed to expose any attitudinal barriers toward the handicapped that may exist—even though individuals themselves may be unaware of them.

According to Daniel L. Banks, an electronics mechanic in the Fuze and Sensors Department's Sensor Systems Division who heads the Handicapped Employment Advisory Sub-committee, a recent survey of NWC employees brought responses from 416 employees who identified themselves as being victims of some 50 different disabilities.

The 2-hour program also will include the showing of a film entitled "A Different Approach." This motion picture uses broad comedy strokes to deal with the traditionally serious subject of employment of the handicapped. The irreverent humor of the film seeks to dispel myths and prejudices about the handicapped.

A short question and answer period will follow the program. No pre-registration is

The backing of President Carter has been vital to efforts being made to employ the handicapped. In a proclamation issued on this subject, the President wrote, in part:

"Our nation is moving strongly toward greater equality for people with physical and mental disabilities.

"...We must do all we can to give the handicapped maximum independence, full access to our society, and the opportunity to develop and use their talents and skills. This must be done case by case, event by event, and program by program.

"Working together, we can make certain that disabled people at last enter completely into the mainstream of our great society."

President Carter called on all governors, mayors, or other public officials, as well as leaders in business and labor and private citizens at all levels of responsibility "to help remove the barriers to equal opportunity for handicapped individuals and to help them in their search for productive employment."

required in order to attend, and supervisors who do so will receive EEO training credit.

Attendees also will have the opportunity to look over a variety of pamphlets that will be available on such subjects as good personnel practices that include the handicapped, the education of co-workers regarding the handicapped, and how to accommodate workers in wheelchairs.

For the past several months, NWC's Handicapped Employment Advisory Sub-committee has been working on the removal of architectural barriers that cause problems for the handicapped in 14 high-use buildings on the Center.

This is an on-going process, and sub-committee members stand ready to review accessibility checklists with NWC Department representatives in order to determine what additional changes would be desirable.

Along the same line, curbsings have been cut in 14 locations in order that ramps can be installed at street corners—thus making it easier for handicapped individuals to get along unassisted from place to place in the Center's main business area.

Also as an aid to the handicapped, a mechanical wheelchair lift was installed in one of NWC's taxi-vans.

The special emphasis being placed on employing the handicapped isn't just a week-long effort once a year. Banks emphasized. The sub-committee that he heads is writing letters to colleges and universities emphasizing the employment opportunities for the disabled at NWC, and additional EEO training programs on the subject of "Disability Awareness" are being developed.

Fed'l Women's Program seeking nominations for annual award

Nominations are now being sought by the Federal Women's Program at the Naval Weapons Center for the 1980 Woman of the Year Award, the Supervisor of the Year Award, and the Department Award. The awards nominations must be turned in to the Equal Employment Opportunity Office by Friday, Oct. 24, to allow time for processing before the fifth annual award banquet to be held in the Community Center on Wednesday, Nov. 19.

Nomination forms may be picked up at the EEO Office, Rm. 112 in the Personnel Department Building.

Each year the Federal Women's Program Committee recognizes a different group of women in the Center's workforce, with this year's group representing those who are in non-traditional careers for women.

Criteria for this award include: nominee must be an NWC employee (either military or civilian); must have at least two years of service at NWC; and must be in a non-traditional role for women such as engineer, mechanic, or mathematician.

Selection will be based on factors including: leadership, a professional demeanor and serving as a role model for others; attitude, demonstrating loyalty and dedication to the organization; initiative, self-starting, self-motivating; and quality of work.

Criteria for the supervisor's award include: nominee must be an NWC employee currently, and must have been an NWC employee for at least two years; may be either military or civilian; and may be either male or female.

To be nominated, supervisors must have established good communication between themselves and their employees, and must have consistently been supportive of employees' goals.

Any military or civilian employee of the Center may submit a nomination for either of these awards. The nominator must use a form obtained from the EEO Office, Code 008, or from a department office. They must

Free immunizations offered to children by Health Department

Another opportunity will be provided for infants, children and young adults (from 2 months through 17 years of age) who are not yet fully protected against common childhood diseases to obtain shots free of charge at a Kern County Health Department immunization clinic.

The next such public clinic to be held in the local area has been scheduled on Monday from 9 a.m. to 3 p.m. in the Health Department office located at 250 W. Ridgecrest Blvd., Ridgecrest.

No appointments are necessary, but parents or legal guardians must accompany children to the clinic and sign consent forms.

The shots that will be administered offer protection against polio, measles, mumps, diphtheria, tetanus, and whooping cough.

Grannie Frannie sez . . .

Dear Grannie Frannie:
My wife never uses the tops to her pans. She says she gets tired of washing dishes and it's just one more dish to wash. Any comments?

Dear Boiling:
"Boiling"
"This true, "a watched pot never boils." Food will cook faster and use less energy in a covered pan. And if you should decide to get that special lady a dishwasher for Christmas, consider one with a hot water booster button. It will save all the extra heating of all that extra water in your hot water heater.

be returned to the EEO Office by the close of business on Friday, Oct. 24.

The department award will be given to a department that has continuously shown support for the Federal Women's Program by lending its expertise as well as its material and personal resources to further the goals of the FWP and equal employment opportunities.

The award is a perpetual trophy that will be presented to the deserving department. Last year the Technical Information Department was the recipient of the award. All departments will be considered, but additional support in the form of nominations is also being sought.

Any Center employee may make a nomination, and the nominator may be either military or civilian. Forms may be obtained from the EEO Office for the department nominations.

Suggestions offered about how to avoid battery accidents

More than 16,000 injuries occur each year in the United States related to vehicle batteries. Batteries contain sulfuric acid and water, and generate hydrogen gas that is explosive and easily ignited.

About three-fourths of the injuries that occur, according to the National Society to Prevent Blindness, involve an eye injury.

To help minimize these accidents, the Society to Prevent Blindness has made available an attractive vinyl safety sticker that can be applied under the hood of a car or in the glove compartment giving the recommended procedure for safely jump-starting a battery.

A small supply of these stickers is available at the Safety Office at the corner of Nimitz and Hussey. The stickers can also be obtained by sending 25 cents and a long, self-addressed stamped envelope to Battery Sticker, Prevent Blindness, 249 E. Emerson, Suite F, Orange, Calif. 92665.

Police reports . . .

A 90-day jail sentence was meted out last week in the East Kern Municipal Court to a 19-year-old youth who was found guilty of two counts of annoying and soliciting children.

The incidents that led to the youth's arrest by China Lake police occurred in the vicinity of the Navy Exchange, and involved two 12-year-old girls.

The offender was ordered by the court to attend counseling sessions after his release from jail.

BURGLARIES INVESTIGATED

China Lake police were summoned last week to investigate burglaries at two motel apartments located in the same neighborhood on the Center.

There was no sign of forced entry at either dwelling place. At one apartment, electronic parts valued at an estimated \$45 were taken. At the other, the loss was \$10 worth of cassette tapes.

YOUTHS ARRESTED

School officials last week requested the assistance of China Lake police, who were called to check on two 16-year-old youths who were loitering on the Murray Junior High School Campus.

The youths, who were charged with trespassing and possession of marijuana, were referred to the Kern County Probation Department.

BATTERY STOLEN

Theft of a 12-volt battery from a government vehicle parked at Armitage Airfield was reported Monday morning to China Lake police.

The petty theft incident occurred sometime between Friday night and Monday morning.



CHECKING UP — PHAN Mark M. Reinhard gets his blood pressure checked by Vivian Heuker of the American Red Cross. The local branch of the Red Cross is offering free blood pressure checks for anyone in the community each Monday, Wednesday and Friday afternoon between the hours of noon and 4 p.m. throughout the month of October. The Red Cross office is located at 55 Lauritsen Ave. in the same buildings as the Thrift Shop. The Red Cross is a member of the United Way of Indian Wells Valley, one of the member groups of the Combined Federal Campaign. —Photo by PH2 Tony Garcia

Personnel Dept. gives advice on preparation of SF-171 forms

A new process was started last June for employees wishing to submit applications for jobs advertised in the "Promotional Opportunities" column of The ROCKEETEER.

The new procedure requires that job applicants submit a SF-171 "Personal Qualification Statement."

During the four months this process has been in effect, the Center's Personnel Management Advisors (PMAs) have noted some areas in which the SF-171s could be improved.

By taking heed of the following advice from the Personnel Department, applicants may improve their chances of being interviewed for a position.

A completed SF-171 "Personal Qualifications Statement" is preferable to a group of SF-172s "Amendment to Personal Qualifications Statement" clipped together.

Applicants should use separate blocks on the SF-171 to describe each position they have held and to describe work at different grade levels. To describe a job as "Twenty years U.S. Navy, retired as E-8, all work was in military intelligence" may result in an ineligible rating, due to lack of information, for many positions that such an individual is legitimately eligible to hold.

When describing the work performed in each position, provide enough information so that all major aspects of the job will be clear to someone who does not know the applicant personally. Do not describe minor points; do not try to explain how to do the work.

If work is performed part-time, indicate number of hours per week and length of employment (e.g., tax form preparation—16 hours/week for three months each year during each of the last four years).

If an applicant held a job in which he or she performed more than one function, provide percentages of time spent working in each function (e.g., administrative officer: 25%, personnel; 50%, budget; 25%, management analysis).

All job announcements list criteria (skills, knowledge, abilities) against which qualified applicants will be ranked to

determine which applicants will be referred to a selecting official. The application should provide enough information to determine whether the applicant has the pertinent skills, knowledges and abilities.

Sign the last page of the application. The signature certifies the accuracy of the information in the application.

Applicants must provide a current telephone number and code for their present and other recent supervisors, as well as an accurate address for off-Center supervisors for whom they have worked recently. Good supervisory references can make a difference.

Always list the announcement number and title of the job for which application is made.

Pertinent attachments to a SF-171 can be useful (e.g., college transcript, last performance rating or even a sample of writing ability if important to the position for which application is made). Remember, however, that a thick packet of attachments of only marginally pertinent material may very well detract from an application in the mind of a selecting supervisor.

LEGIBILITY A MUST

If a person cannot write or print legibly, it is recommended the application be typed.

If an individual is applying for a supervisory or managerial position, include information on past involvement in advancing the ideas of Equal Employment Opportunity. It is required that applicants for such jobs be ranked in a manner that includes consideration of performance/potential performance of duties in the EEO area.

As a final note, remember that Official Personnel Folders (Personnel Jackets) are no longer being reviewed as a part of the rating and ranking process of the Center's Merit Promotion Program. If job applicants do not include pertinent information in their application, it is unlikely the PMA or the selecting supervisor will be aware of it.

Those applying for jobs who are unsure of the quality of their own SF-171 may contact the PMA for their department in order to obtain helpful information on how their SF-171 can be improved.

Rec. facilities open Monday

The following hours of operation will be observed by business and recreational facilities at the Naval Weapons Center during the Columbus Day holiday on Monday.

Facility	Hours
Bowling Alley and Snack Bar	9 a.m. to 10 p.m.
Navy Exchange Mini Mart	10 a.m. to 7 p.m.
Golf Course	(Closed on Tuesday) 7 a.m. to 7 p.m.
Indoor Pool	11 a.m. to 6 p.m.
Center Gymnasium	11 a.m. to 6:30 p.m.

Facilities not listed above will be closed all day Monday.

Another briefing on filing standards of conduct form slated

One more briefing will be held on Tuesday at 1 p.m. in the Michelson Laboratory auditorium regarding Standards of Conduct and DD Form 1555 filing requirements.

All individuals at Civilian Level 3, Increment 15 and above, military 0-5 and above, whose basic duties involve responsibilities in making a government decision or action that ultimately may have a significant economic impact on the interests of any non-Federal entity are required to file annually a Confidential Statement of Employment and Financial Interest (DD Form 1555).

Those persons (Level 5 or SES, 0-7 or above) who are required to file an SF 278 under the Ethics in Government Act of 1978 are not required to file a DD Form 1555.

All level 3, Increment 15 and above and 0-5s and above are encouraged to attend the briefing by Cdr. Perry Patterson, Staff Judge Advocate for the Naval Weapons Center. Other interested persons are also welcome.

Flags to be posted on Navy Birthday Oct. 13

Observance of the 205th birthday of the founding of the United States Navy will be marked at the Naval Weapons Center on Monday by the setting out of American flags along both sides of Blandy Ave., from Knox Rd. to a point just east of the Community Center.

The flags will be set in place by the members of Boy Scout Troop 35, led by Bob Kubin, scoutmaster.

On holidays throughout the year (Monday also is Columbus Day), a different Boy Scout troop from the local area handles this responsibility as a way of showing appreciation for the many things that the Naval Weapons Center does to assist the Boy Scout program.



Project 2000

(Continued from Page 1)

develop this investment plan could serve as a model for other selected Navy activities.

Some of the Navy officials who have received briefings on Project 2000 are Dr. James H. Probus, Director of Navy Laboratories; Admiral A. J. Whittle, Chief of Naval Material; Vice Admiral D. F. Emerson, Director of the Office of Research, Development, Test and Evaluation; Dr. H. Rabin, Deputy Assistant Secretary of the Navy for Research and Advanced Technology; Dr. Walter LaBerge, Principal Deputy Undersecretary of Defense; and James Colvard, Deputy Chief of Navy Material.

Taking a look at the buildings on board the Center, it became apparent significant improvements to or replacement of NWC resources is required, Bowen said. Sixty-five percent of the Center's 1,176 buildings are more than 25 years of age — the period set by the Naval Facilities Engineering Command as the economic life of a permanent building. In addition, of this total number of buildings, 35 percent are considered substandard or of temporary or semi-permanent construction.

Taking the current cost of replacing the Center's RDT&E facilities, which is estimated at approximately \$1 billion in today's dollars, and looking at the amount of money (\$3 million) NWC has received on the average each year for military construction, it would take 284 years, — or longer than this nation has been in existence to accomplish this.

Instead of \$3 million per year for con-



WRAPPING IT UP — Lieutenant Colonel A. B. (Ben) Adams (1.) receives official papers denoting that he is retiring from the Marine Corps from Col. Erin Smith, USMC Liaison Officer at NWC. Lt. Col. Adams, who has been at China Lake for a little over 3 years, spent 20 years in the Marine Corps following his graduation from Auburn University, Auburn, Ala. A graduate of Navy Test Pilot School, he has flown 35 different models of aircraft, including helicopters. While at NWC, he was well-known for his participation in search and rescue flights. Lt. Col. Adams and his wife, Elaine, will leave shortly for Quantico, Va., where he will serve as a consultant to a government contractor. —Photo by Ron Allen

Prospective bidders can inspect surplus property before auction

Another auction of surplus government property will be held on Tuesday, Oct. 21. The sale will start at 9 a.m. in Warehouse 41—location of the Defense Property Disposal Office.

Among the nearly 170 different items that will be offered for sale to the highest bidder are electric typewriters, tape recorders, oscilloscopes, voltmeters, projectors, library books, gas ranges, vehicle parts, generator sets, a drill press and hoist, heat exchangers, shelving, and paint.

Starting today, prospective bidders will have the opportunity to inspect the various items offered for sale at the auction by visiting the Defense Property Disposal Office (Warehouse 41) on weekdays between the hours of 8 a.m. and 3 p.m.

On the day of the auction (Oct. 21), bidders must be present and registered in order to bid on items they wish to purchase. No bids submitted by mail can be accepted. Any items that are purchased may be

removed on the day of the sale—provided that full payment is made. Personal checks will be accepted.

Successful bidders will have until Oct. 28 to pay for and remove property before storage charges are applied.

Additional information about the auction of surplus government property can be obtained by calling Greg Barry at NWC ext. 2502 or 2538.

Navy Exchange Toyland changes Saturday hours

A change in Navy Exchange Toyland's hours of operation on Saturdays was announced this week by Lt. Rick Feauto, NEX officer.

The NEX Toyland, located in former ESB barbershop at Bennington Plaza, is now open on Saturdays from 9 a.m. to 3:30 p.m.

Weekday hours of operation at Toyland are Tuesdays and Thursdays from 10 a.m. to 5 p.m.

IEEE speaker to present talk about 'Amazing Universe'

A meeting of the China Lake Section of the Institute of Electrical and Electronics Engineers will be held next Friday, Oct. 17, at Clancey's Claim Co. in Ridgecrest.

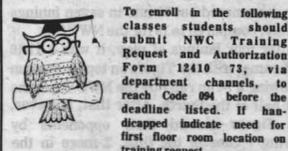
The meeting will get underway at 7 p.m. in the patio room at Clancey's. Those wishing to do so may order dinner prior to the meeting, and then join IEEE members in the patio room to hear a talk entitled "The Amazing Universe" that will be presented by Finis C. (Hap) Easter.

Easter, who is manager of Design Reviews and Reliability Assurance for RCA Avionics Systems in Van Nuys, will base his talk on a book by the same name that was published by the National Geographic Society. In it the vastness of the universe is contrasted to the more recently discovered, but equally incomprehensible dimensions, in the world of the atom.

Easter's talk will be accompanied by the showing of visual aids, including a collection of film slides on astronomy from the Mt. Palomar observatory.

Easter, who is a senior member of the IEEE, is a past chairman of the San Fernando Valley Section. With two others he was a recipient of the U.S. Navy team award for technical leadership of the group that developed the Aegis power supplies.

Training classes



46000E-Creating and Using Incentives; (4 hrs.) changed from Oct. 16 to Nov. 25, 12:30 to 4:30 p.m., Training Center.

53500B-Basic Public Speaking; (15 hrs.), Oct. 22-23, 8 a.m. to 4:30 p.m., Training Center.

Catholic Protection; Oct. 23, 8 a.m. to 4 p.m., deadline: Oct. 16.

CSCI 298C Seminar in Project Planning and Control (3); Nov. 1, 2, 29, and 30. Instructor: Dr. William Lane, CSUN.

Project 2000 takes hard look at future needs . . .

struction (the average fiscal year 1979 dollars received from FY 1974 through FY 1978), the Center should be getting \$17 million per year for construction, the speaker at the FMA luncheon meeting stated.

Three military construction (MILCON) projects are currently planned for Fiscal Year 1981, Bowen said. They are a Weapons Systems Support Facility, an addition to Hangar 3 at Armitage Airfield (\$5.4 million); acquisition of land in the aircraft range approach corridors (\$6.5 million), and an energy conservation measure — the replacement of floodlights with more energy-efficient bulbs (\$190,000).

In FY 82, the RDT&E budget planning includes construction of an Electronic Warfare Operations Center (\$4.1 million), while in FY 83, the planning includes an Engineering Laboratory in the area just north of Michelson Laboratory where AEC trailers Nos. 3 and 4 are now located.

TOP PRIORITY PROJECT

Mentioned by Bowen as a project that has top priority in the planning of NWC management is the construction of an Electronic Warfare and Fuze System Laboratory that has an estimated price tag of \$29 million — an amount more than the sum normally available in one year for all RDT&E laboratories.

Productivity enhancement programs are another line on which emphasis is being placed by the Project 2000 planners. Three MILCON projects in this category have been submitted for FY 83, Bowen said. They

are an Instrumentation Development and Support Facility, land line electrical power for EWTEs (Randsburg Wash area), and a Telemetry Receiving Center near T-pad.

Safety is another area of concern that must be addressed and, in this regard, there is the need to relocate the Armitage Airfield ordnance assembly building — something Center management would like to do in FY 83.

NEW ADMINISTRATION BLDG.

Mentioned as a possibility for inclusion in the FY 84 construction request is an Engineering Management Building that would house department offices now located in Michelson Laboratory and thus permit the laboratory to be utilized more completely for its intended purpose. This new building also is scheduled for use by the NWC Commander and Technical Director and their staffs, and the Office of Finance and Management, plus other functions.

The equipment analysis carried out as part of the Project 2000 effort had a three-fold purpose that called for (1) identifying the present situation, (2) identifying future equipment requirements, and (3) developing a comprehensive equipment management and modernization program.

At the present time, Bowen noted, NWC's current equipment inventory of approximately 27,000 items valued at \$191 million in FY 79 dollars has an expected useful life of 8 to 10 years. It was found that 70 percent of this equipment is past its expected useful life, so a major portion should be replaced.

As part of the equipment evaluation

process, Project 2000 staff members visited or contacted several major industrial organizations that are involved in work similar to that done at NWC. These companies replace their equipment much earlier (3 to 8 years) than is the case at NWC (13 to 16 years) in order to provide state-of-the-art equipment and to minimize maintenance and repair costs.

In presenting information on the seriousness of the obsolescence of the Center's equipment to higher levels of Navy management, the Project 2000 Office is advocating that Navy management adopt a technique of capitalization that is similar to the depreciation methods used by private industry.

GLIMMER OF HOPE

Bowen expressed the view that there may be a light at the end of the tunnel in regard to what he had been discussing. Secretary of Defense Harold Brown has established a Laboratory Management Task Force Team whose main function is to identify institutional barriers that prevent the DoD laboratory complex from doing its job. It has been recognized, Bowen continued, that DoD laboratories require a massive input of construction money.

In conclusion, he said that Project 2000 has identified the resources required to ensure that NWC can effectively perform its mission through the end of this century. Bowen called it a "realistic and flexible resources investment plan that will allow the Center to be more effective, enhance productivity, and economically perform its mission."