

NEW SELF-PAK DISPLAY—Fred L. Richards (right), head, publishing branch, and Hal Lindberg, technical illustrator, both of technical information department are pictured with a new Self-Pak display. It will be shown at the National Aircraft Show in Oklahoma City.

Self-Pak Technique Is Being Developed To Tell Public of NOTS Accomplishments

A new Self-Pak display, equipped with projector for a continuous showing of slides on Station technical programs, will appear for the first time at the National Aircraft Show to be held in Oklahoma City, Oklahoma, from September 1-3. Two other NOTS displays to be shown will be the 2.75 weapon development display and the 2.75 launcher display.

EMCO Meeting Highlights Examination Procedures, Appoints Two Committees

A meeting of the Employee-Management Council was held on August 8 in the Community Center. The highlight of the meeting was the clarification of "promotional examination procedures" by Harold Hobbs, executive secretary, Board of Examiners, northern sector. Hobbs reviewed promotional procedures, summarizing background information and referred to NCPI 74 as a guide in such matters.

Panel raters are nominated by the Station. These raters are experts or specialists in a particular trade.

Two committees appointed—It was reported that the Station has appointed a committee to investigate and make recommendations on the Station's present examination systems. A committee was appointed by the Council to study the present housing policy and administration to obtain information for development of proposed changes in the Station housing policy.

Report of On-Site Survey—A letter from Rear Admiral F. S. Withington indicated he was pleased with the results of the inspection. However, there are areas that need improvement. The Station has received recommendations to investigate these areas and action will be taken.

Station policy concerning employees working alone, in hazardous trades, or at night—There is no specific policy, and it was felt that a general policy would not be appropriate. It is management practice to assign a team of two when women work in isolated places at night. If the job does not require two, it is the practice to assign a man. In some instances when there is not sufficient personnel to have a team of two, the employee checks in at designated times. Safety regulations discourage using only one man in a hazardous area unless absolutely necessary.

Outline Elementary School District Zone Lines Based on New Pupil Registration

Elementary school district zoning lines were outlined this week by local school officials and parents are urged to pay special attention to the new attendance zone lines for pupils in grades kindergarten through six. Widespread movement of families on the Station, the new Wherry project, and the reactivation of the Rowe street school have forced changes in zone lines at all grade levels.

Class lists for the elementary schools have been prepared by school principals and will be posted on classroom doors Monday, September 10. These were based on the registration of new pupils to the district and class lists from last year. Children new to the district who have not been registered by Monday morning, September 10, must be registered at the main office at Burroughs school before school and class assignment can be made.

Because of the difficulty of visualizing word descriptions of attendance zone lines, it is suggested that parents use the map on the back cover of the Station telephone directory as a reference in determining the grade level zone for each child in their family.

Transportation schedules will appear in the September 7 issue of the Rocketeer.

Kindergarten Zones
Richmond school kindergarten zone takes in the area north and east of a line starting at the corner of McIntyre and No. Lauritsen, going south on Hussey to Halsey, and east on Halsey to Blue Ridge.

Groves school kindergarten zone takes in the area enclosed by the following line: Starting at the corner of Halsey and Richmond roads, go south to Yorktown, west to Lauritsen, north to Hornet, west to Renshaw, south and west on Renshaw to Knox road, north on Knox road, including all trailers, to Halsey, and east to the starting point.

Rowe street school kindergarten zone takes in an area enclosed by the following lines: Starting at the corner of Lauritsen and Hornet, go west on Hornet to Renshaw, south and west on Renshaw to Knox road, south to Rowe, east and north on Rowe to Langley, including houses on both sides of Rowe, east on Langley to Lauritsen, including houses on both sides of Langley, and north to the starting point.

Vieweg school kindergarten zone takes in Desert Park area.

Richmond school first grade zone takes in the area north and east of a line starting at McIntyre and Lauritsen, going south on Hussey to Halsey, east to Thompson, east to Richmond road, north to Halsey, and east to Blue Ridge road.

Groves school first grade zone includes the area enclosed by the following line: Starting at Halsey and Lauritsen, go south to Thompson, east to Richmond road, south to Yorktown, west to Lauritsen, north to Langley, west to Burke road, including houses on both sides of street, north to Hornet, west to Renshaw, south and west on Renshaw to Smith road, north to Farragut, west to So. Knox road, north to Halsey, and east to the starting point.

Rowe street school first grade zone takes in an area enclosed by the following line: Starting at the corner of Hornet and Burke road, go south to Langley, west to Rowe, including houses on both sides of the street, southwest on Rowe to Smith road including houses on both sides of the street, north to Ringgold, northeast to Renshaw, northeast on Renshaw to Hornet, and east to the starting point.

Vieweg school first grade zone includes all the Desert Park area and those Station houses south and west of the following line: Starting at Halsey and So. Knox road, go south to Farragut, east to Smith road, south to Renshaw, east to Ringgold, southwest on Ringgold to Smith road, south to Rowe, west to Knox road, including houses on both sides of Rowe.

Richmond school second grade zone takes in the area north and east of a line starting at the corner of McIntyre and No. Lauritsen, going south on Hussey to Halsey, east to Lauritsen, south on Lauritsen to and east to the starting point. Tyler, east to Richmond road, north to Halsey, and east to Blue Ridge road.

Groves school second grade zone includes the area enclosed by the following line: Starting at the corner of Hornet and Burke road, go south to Langley, west to Rowe, including houses on both sides of Langley, southwest on Rowe to So. Knox road, north to Halsey, and east to the starting point.

Vieweg school second grade zone takes in the area north and east of a line starting at the corner of Parsons and Halsey, going south on Hussey to Halsey, east to Richmond road, north to Halsey, and east to Blue Ridge road.

Fifth Grade Zones
Richmond school fifth grade zone includes the area to the north and east of a line starting at the corner of McIntyre and No. Lauritsen, going south on Hussey to Halsey, east to Lauritsen, south to Groves, east to Richmond road, north to Halsey, and east to Blue Ridge road.

Groves school fifth grade zone takes in the area enclosed by the following line: Starting at the corner of Lauritsen and Halsey, go south to Groves, east to Richmond road, south to Ranger, west to Lauritsen, north to Hornet, west to Renshaw, south to Independence, north and west on Independence to Forrestal, west to So. Knox road, north to Halsey, and east to the starting point.

Rowe street school fifth grade zone includes the prefabs and the area enclosed by a line starting at the corner of Langley and Lauritsen, going north to Hornet, west to Renshaw, south and west on Renshaw to So. Knox road, and south on So. Knox road to the end of the street.

Vieweg school fifth grade zone includes the Station trailer court and Desert Park areas, and those houses west of a line starting at the corner of Forrestal and So. Knox road, going east to Independence, south and east on Independence to Renshaw, and south and west on Renshaw to So. Knox road.

Richmond school sixth grade zone takes in the area north and east of a line starting at the corner of Parsons and Halsey, going south on Parsons to Entwistle, east to Lauritsen, south to Groves, east to Richmond road, north to Halsey, and east to Blue Ridge road.

Groves school sixth grade zone takes in the area enclosed by the following line: starting at the corner of Lauritsen and Entwistle, go south to Groves, east to Richmond road, south to Ranger, west to Lauritsen, north to Hornet, west to Renshaw, south and west on Renshaw to So. Knox road, north to Halsey, east to Parsons road, south on Parsons to Entwistle, and east to the starting point.

Rowe street school sixth grade zone includes the prefab area and all those houses enclosed by a line starting at Langley and Lauritsen, going north to Hornet, west to Renshaw, south and west on Renshaw to So. Knox road, and south to the end of the street.

Vieweg school sixth grade zone takes in the Station trailer court and Desert Park area.

Richmond school fourth grade zone takes in the area north and east of a line starting at the corner of Halsey and Parsons road, going south to Byrnes, east to Lauritsen, south to Groves, east to Richmond road, north to Halsey, and east to Blue Ridge road.

Groves school fourth grade zone takes in the area enclosed by the following line: Starting at the corner of Halsey and So. Knox road, go east to Parsons, south to Byrnes, east to Lauritsen, south to Groves, east to Richmond road, south to Lauritsen, north to Hornet, west to Renshaw, south and west on Renshaw to So. Knox road, and north to the starting point.

Rowe street school fourth grade zone includes the area enclosed by the following line: Starting at the corner of Hornet and Lauritsen, go south to Langley, west to Rowe, including houses on both sides of Langley, south and west to Smith road, including houses on both sides of Rowe, north to Rodman, east to Radford, west to Ringgold, north and east on Ringgold to Renshaw, north and east on Renshaw to Hornet, and east on Hornet to the starting point.

Vieweg school fourth grade zone includes the Desert Park area, the Station trailer court, and the houses to the south and west of the following line: Starting at the corner of Knox road and Renshaw, go east to Ringgold, south and west on Ringgold to Radford, east on Radford to Rodman, southwest to Smith road, and east to the starting point.

Vieweg school fifth grade zone takes in the area enclosed by the following line: Starting at the corner of Parsons and Halsey, going south on Hussey to Halsey, east to Richmond road, north to Halsey, and east to Blue Ridge road.

Vieweg school sixth grade zone takes in the area enclosed by the following line: starting at the corner of Lauritsen and Entwistle, go south to Groves, east to Richmond road, south to Ranger, west to Lauritsen, north to Hornet, west to Renshaw, south and west on Renshaw to So. Knox road, north to Halsey, and east to the starting point.

ROCKETEER



FIREFIGHTER EARNS RECOGNITION—Don Fischback (left), firefighter with the Station fire branch, receives a \$215 award for single-handedly preventing the spread of a fire, while off duty, until the arrival of firefighting crew. The presentation was made by Cdr. F. R. Whitty Jr. (right) head, command administration department. Fire Chief A. C. Wright (center) attended the presentation to extend his congratulations.

Coast-to-Coast Radio Program Recorded Here

A nation-wide radio broadcast, "Marines in Review," originated from the Station theatre last night with Station Commander Captain F. L. Ashworth as featured guest. The program is an "all Marine" broadcast and designed to tell the Marine story to the public. The Camp Pendleton Marine Band provides the musical portion of the show while narration is done by Marine enlisted and officer personnel at Camp Pendleton.

During the broadcast, a network show, Capt. Ashworth was introduced as Station Commander of NOTS and welcomed the group aboard. He praised the program, complimented the Marines on its excellent quality and then reviewed some of the work accomplished here at the Station. Most of his remarks were about the civilian-military team at China Lake and the mission of the Station.

Station residents were treated to a concert by the band following the coast-to-coast broadcast. Hosting the Pendleton group was Lt. Col. H. V. Joslin, commanding officer of the NOTS Marine Barracks.



BENEFICIAL SUGGESTION AWARDEES—Public works department employees are presented monetary awards by Capt. G. H. Carrithers (right), public works officer. Recipients, front row (l. to r.) are: Ernest J. Ross, maintenance division, \$10; Philip D. Wuest, shops engineer division, \$25; and Amos B. Nichols, maintenance division, \$30. Back row (l. to r.) are: Stanley L. Viall, maintenance division, \$35; Russell R. Halcomb, maintenance division, \$10; and Joseph M. Ergan, transportation division, \$20.

NOTS Requests 260 'Capehart' Housing Units

The Station has submitted a request to the Navy Department for 260 "Capehart houses", according to an announcement released yesterday by Richard O'Reilly, community manager. The request was made as a result of the Station being identified as one of the top three military units over the nation that had a critical housing shortage.

A "Capehart house" is similar to a "Wherry house", except that it is maintained by the Navy rather than by a private contractor. These houses, if obtained, will be designated by military grades, although they also will be occupied by civilians.

It is planned that there will be 20 senior civilian or military houses, 30 intermediate-level civilian or military houses and 210 houses for lower-rated military or for those on the lower half of the civilian pay scale.

At this point, the Station has only made application for the "Capehart houses" and it will be some time before the Station will be notified whether or not the request will be granted. Station employees will be notified of the decision through the ROCKETEER as soon as word is received here.

Cafeteria Group Names Board

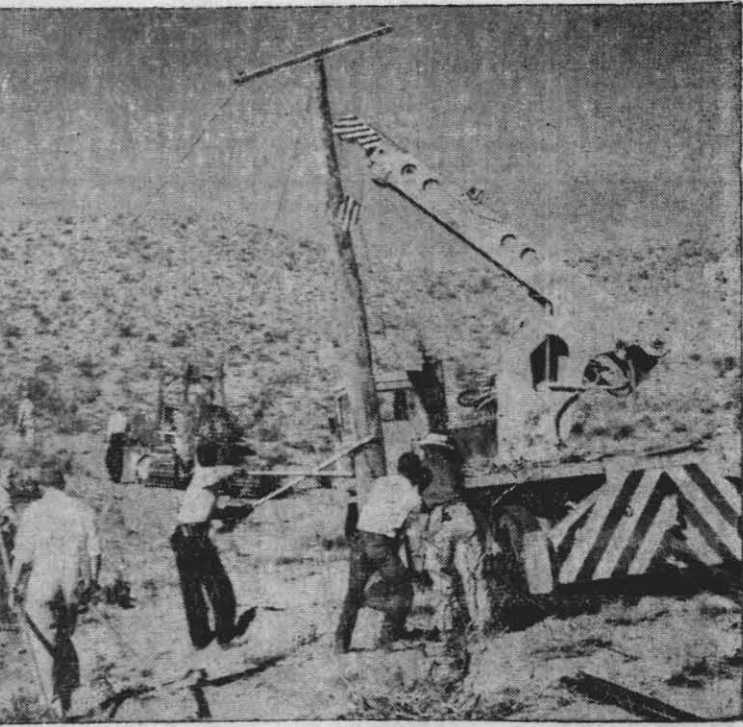
New members were recently appointed to serve on the NOTS cafeteria association board replacing the previous members Messrs. R. C. O'Reilly, M. S. Clifton, R. M. Love, B. A. Breslow and A. H. Miller who completed their tenure of office on July 16. The new board consists of A. H. Staud, chairman; E. G. Loomis, treasurer; Evelyn See, secretary; Dr. G. J. Plain; and R. F. Beswick.

Responsibility of the NOTS cafeteria association consists of determining the operating policies and procedures, subject to the Station commander's approval, of the Michelson laboratory cafeteria. In order that the board can adequately perform its function as a representative group of Michelson laboratory employees, it is requested that comments pertaining to the existing facilities be submitted to the board for discussion at the regular monthly meeting.

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"We may have our technical problems almost licked," Sutherland commented, "but we are a long way from solving our financial ones." A fund drive to raise \$12,000 by donations to assist in financing the new power line and defray operating costs was held but it has fallen far short of the goal. To date we have received \$3,000. If we received but \$5 per family in both China Lake and Ridgecrest we would achieve our goal," Sutherland pointed out.

"If we had to pay for the labor that has gone into the present installation TV wouldn't be a reality in this community today. It is the unselfish giving of time and effort as the twelve men from the Station gave last Saturday that has made it possible. We owe much to



SOME TOIL WHILE OTHERS SLEEP—A demonstration of community spirit in action is pictured above during the erection of power line poles on Laurel mountain. The effort will improve TV reception for area viewers.

Station Employees Donate Time In Community TV Line Project

Twelve highly skilled Station employees donated their time and effort last Saturday to a most worthwhile community project. The group installed one third of the poles necessary to carry the new 12,000 volt power transmission line to the TV booster station atop Laurel mountain. On the job, as the desert sun began its climb and while 10,000 of the community lay sleeping, were 9 men from public works and 3 men from the engineering department. They were: cat operator Hans Wurster; torpedo crane operator Noah Vowel; power distribution men, William Grogan, Lee Seitz and Paul King; linemen Dave Nivens, Pat Thomas, Charles Anthony and Gus Embree; engineers-Dave Ellison, Floyd Furnish and Perry Martinez.

The work accomplished last Saturday was the first leg toward the completion of a power line which will convert the booster station from its present diesel engine generated power to power supplied by the California Electric Power Company. According to command administration's electronic engineer, George Sutherland, who has sparked plugged the project from the start, the cost of operating the station electrically will be much less than by the present diesel generators. The present fuel bill is approximately \$400 per month to operate the diesel generators.

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Navy Exchange Labor Day Schedule

All navy exchange activities will be closed on Labor Day, September 3 except the following:
Restaurant—open from 7 a.m. to 1 p.m.
Swimming pool snack bar—open 12 noon to 8 p.m.

ROCKETEER

Published every Friday at the
UNITED STATES NAVAL ORDNANCE TEST STATION
CAPTAIN F. L. ASHORTH, UNITED STATES NAVY
Commander

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ED. LANEY BUDD GOTT
Editor Assistant Editor

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BUSY SEABEES—E. F. Peisker Jr. (left) CDL USNR is shown instructing recruit J. M. Schorr, CR, USNR on the operation of a "cat and can" during weekend work on the new pistol range for NOTS security police.

Congress Ups Limit On 'Property Claims' From Armed Forces

Public Law 571, passed by the were approved for less than \$2,500 to \$6,500 the limit on claims for loss of personal property by members of the Armed Forces.

Any claim previously settled for \$2,500, solely because of the maximum limitation, can be reopened and reconsidered in accordance with the new act.

Claims submitted for an amount in excess of the old maximum which were approved for less than \$2,500 payment are not included in the amended legislation.

Claimants seeking new settlement, including former servicemen and next of kin, must make a written request before June 7, 1957, to the agency which adjusted the original claim.

Members of the Armed Forces must make similar requests through channels.

Local Seabee Unit Builds Pistol Range

As a weekend group training duty venture the China Lake Seabees of Naval Reserve Civil Engineering Company 11-25 are constructing a new pistol range at NOTS. This announcement was made this week by LCDR. I. I. Shull, USNR, commanding officer of the unit.

Skilled operators are training non-rated and lower rated drivers in the operation of such construction equipment as graders, bulldozers, carry-alls, tractors, and trucks. Heavy duty equipment has been made available on weekends by Captain G. H. Carrithers, public works officer.

The Seabees are conducting a recruitment drive for new personnel giving direct rates based on construction experience. Civilian trade-warfare Seabee rates are as follows: surveyors, builders, steelworkers, electricians, utilities men, drivers; and mechanics.

Additional information may be obtained by contacting Lt. Lynn Barker, USNR, extension 73041, or LCDR. I. I. Shull, USNR, extension 77401. Regular meetings of NRCE Co. 11-25 are held each Tuesday at 7 p.m. building 00929 on King Street near NOTS traffic circle.

Bank of America Closes On Labor, Admission Day

The Bank of America will close for the observance of Labor Day, Monday, September 3 and Admission Day, Monday, September 10.

Superintendent's Notes

By DR. EARL MURRAY, Superintendent of China Lake Schools

One of the difficult tasks in any school system large enough to have more than one school, is the task of assignment of pupils to a specific attendance center. Frequently schools are situated far enough apart so that one zone can be utilized for each attendance center, but such is not the case in China Lake.

The object of zoning is to utilize all school facilities to capacity and to balance the class size in each school. In China Lake where all schools are relatively close to the population, both objectives of zoning can be accomplished with but little hardship to students and parents, except that children in the same family may be required to attend different schools.

In order to accomplish our purposes we must zone separately for each grade level. Some of the problems of zoning become apparent when we realize that our student population centers around Groves School, yet it has only twelve classrooms and one kindergarten room. It is obvious that many students who live closer to the Groves School than to any other school will be unable to attend there.

Since there is no school in the Wherry area, and the Vieweg School is the closest one, it is best in general that the students who reside in that area should go to the Vieweg School. This forces practically all of the children who live between the Vieweg and Groves Schools to attend the Rowe Street School which is being renovated and reactivated for that purpose. Transportation also becomes a problem when children are forced to attend a school which is not near their home, and transportation can be provided for only a limited number.

There are an insufficient number of children who live near the Richmond School to fill it to capacity, therefore some children who live nearer the Groves School will be required to attend the Richmond School.

The complete zoning for kindergartens and grades 1-6 will be found elsewhere in the Rocketeer. Each parent who has a child in these grade levels should study the zoning instructions carefully prior to the opening of school on September 10th.

Voters Registration Points and Schedule For Station Given

September 4 through September 13 will be the last opportunity for citizens to register for the November 6 general elections. This is done by going to the office of the County Clerk, to the offices of any of the City Clerks, or to other designated places in various communities throughout the county and answering the following questions:

- Name, including given and middle name;
- Address;
- Occupation;
- Height; and
- Place of birth.

Station Registration Schedule

The registration schedule for station residents will be as follows:

Commissionary—Tuesday, September 4 through Friday, September 7 from 9:30 to 11 a.m. and from 2 to 6 p.m. Saturday, September 8 from 9:30 a.m. to 1 p.m. Monday, September 10 through Thursday, September 13 from 9:30 to 11 a.m. and from 2 to 6 p.m.

Pilot Plant—A registrar will be stationed at the cafeteria on September 10 and 11 from 11 a.m. to 1 p.m. on both days.

Michelson Laboratory—A registrar will be stationed at the main entrance on September 10 and 11 from 9 to 11 a.m. and from 2 to 4:30 p.m. on both days.

Safety First

SACRAMENTO—Eliminate competition on our streets and highways and you will reduce our traffic toll considerably says the California Highway Patrol.

"Grabbing the right-of-way, racing to get ahead of the other fellow and cutting in and out of traffic are all competitive but unsportsmanlike actions," declared Ross R. McDonald, Deputy Commissioner of the Patrol. "These are hazardous, illegal, accident causing maneuvers accounting for a large share of our annual traffic accident toll."

Cooperation and obedience to the rules, plus a recognition of hazards is necessary for safety in traffic," the Deputy continued. "Without these elements your chance of survival in today's traffic is rather slim. Make safety your companion in traffic by obeying all the rules and helping the other fellow drive safely too."

GEBA Assessment No. 16 Is Now Due

Assessment number 16 is now due and payable by the members of NOTS government employees benefit association because of the recent death of Archie V. Adams, according to an announcement by K. T. Faust, secretary-treasurer of the association. Adams was an employee in material division, supply department.

Faust requests that all members who are delinquent in past assessments to please remit at their earliest convenience in order that he may safely pay beneficiaries their insurance coverage. He also adds that now vacations are nearly over, members should get behind the association and work towards a larger membership to increase the coverage for their own beneficiaries.

DIVINE SERVICES

Christian Science (Chapel Annex)
Sunday School—9:30 a.m.
Morning Service—11 a.m.
Episcopal (North end of chapel annex)
Holy Communion—7:30 a.m.
Sunday School—9:30 a.m.
Morning Prayer—11 a.m.
Protestants (Station Chapel)
Morning Worship—9:45 and 11 a.m.
Sunday School—9:30 a.m., Groves and Richmond elementary schools.
Roman Catholic (Station Chapel)
Holy Mass—7, 8:30 a.m. and 12:30 p.m.
Sunday
6:30 a.m. Monday through Friday, 8:30 a.m. Saturday.
Confessions—8 to 8:25 a.m., 7 to 8:30 p.m. Saturday, Thursday before First Friday—4 to 8:30 p.m.
NOTS Hebrew Temple—Halsey Street.
Services every second Monday and fourth Friday, 8 p.m.

CAREFUL... It May Be A Party Line



The telephone is as much a necessity today as the automobile. It is a fast, convenient means of communication for private individuals, business enterprises, and the Government.

Unfortunately, the telephone has serious limitations. It is virtually impossible to identify positively the party on the other end of the line. It is also relatively easy for unscrupulous persons to intercept messages.

Because of these facts the Department of Defense requires that "Classified information shall not be discussed over the telephone, intercommunication system, or other means of electrical transmission, unless approved military facilities are used."

Caution should always be used to discuss only unclassified information over the telephone. Who knows? You may be on a party line.

HON. CLIFFORD C. FURNAS
Assistant Secretary of Defense
(Research and Development)

Coming AND Going

New Employees:
Test—James S. Sherwin, Jean S. Bruner.
Propellants & explosives—Johanna E. Copple.
Supply—Frederick D. McMillen, Richard J. Foker.
Public works—C. Donald Daus.
Command administration—Ellen F. Schilling, Harold Green Jr.
Technical information—Julia H. Little.
Aviation ordnance—Elbert C. Johnson.
Central staff—Walter F. Beck Jr. Joan L. Dale, Yvonne R. McCabe.
Personnel—Carol A. Freeman.
Research—Elmo C. Bruner.

Terminations:
Public works—Robert A. Eubanks, GERALD Gene Cathey, Dorothy C. Monson, Marvin Hillegar, Alfonso S. Lewis.
Personnel—Andrew S. Adams, Paul C. Buchanan.
Propellants & explosives—Robert E. Johnston.
Supply—Nancy C. Read, Jens E. Moe.
Rocket development—Gordon L. Scofield, Henry E. Herschelmann, Stanley J. Marcus.
Research—Frederick Torgerson, Meyer Silver (LWOP).
Aviation ordnance—Artie C. Blackston, Joseph A. Abbott (LWOP), Michael R. McGie (LWOP).
Test—Joel Trimble (LWOP), Arthur L. Mosely (LWOP), Justin M. Ruhge (LWOP).
Engineering—Laurus W. Lehwald, Jeanette R. Hemenway.
Central staff—Dorothy J. Wheelan.
Command administration—Frieda L. Foote.
Technical information—William T. Fisher, Loretta E. Gilmore.

Best Place Worked, Says Thomas Cook

"NOTS is the best place I've ever worked. The men and the supervisors I work with are the cream of the crop. I know, I've worked at about thirty jobs all over the country," says Tom Cook, public works plumber. Cook is not the oldest in years of service at NOTS but his enthusiasm is equal to that of any old, old-timer. He came to NOTS on July 1, 1946 as a transfer from the Long Beach Naval Shipyard.

He recalls in those days it was a common occurrence to wake up of a morning and find his bed covered with an inch of sand. Shopping was done at the "desert store" where you could purchase pencils, razor blades, cigars, overalls, magazines, etc. You could also get a hair cut or a shoe shine. The "desert store" became the "desertaria" and later was "anchorage". The public works building was still on the drawing board. Contractors were just breaking ground for Michelson laboratory and the Hawthornes. Cook remembers a softball game that went seventeen innings on the old beer-but diamond.

Cook was born in Franklin, Missouri, in the heart of the Ozark fishing and hunting country. He has been an ardent sportsman since boyhood, and believes this area is just as good a fish and game country as his home Ozarks. "You just have to travel farther, that's all," Cook remarked.

One of thirteen children, he worked in the hay fields along the Missouri river bottoms to help feed and clothe his brothers and sisters and to put himself through high school.

"I spent twenty-five years rail-

Chaplain's Corner

By Chaplain James L. Carter, USN

An anonymous author has given us a cynical estimate of human nature: "When the other fellow acts that way, he's the ugly; When you do, it's nerves. When he's set in his ways, he's obstinate; When you are, it's just firmness. When he doesn't like your friends, he's prejudiced; When you don't like his, you are simply showing good judgment of human nature. When he tries to be accommodating, he's polishing the apple; When you do, you're using tact. When he takes time to do things, he is dead slow; When you take ages, you are deliberate. When he picks flaws, he's cranky; When you do, you're discriminating."

Douglas, McDonnell, North American Supersonic Planes 'Put Through Paces' by Air Facility Pilots

Three Douglas planes, one North American and one McDonnell plane are undergoing various types of testing at the Naval Air Facility—all are capable of supersonic speeds. The aircraft are being put through the circus rings by NAF pilots. The Douglas products are the A3D Skywarrior, the F4D Skyray and the A4D Skyhawk. The North American craft is the FJ-4 Fury and the McDonnell unit is the F3H Demon. All of these planes are manufactured for the Navy and all are carrier-based aircraft.

FJ-4 Fury
The FJ-4 Fury is a formidable addition to the air-borne weapons of the Navy. It is in the 700 miles per hour class (over 600 knots) and is built by the Columbus division of North American Aviation, Inc. It is a single-seat, carrier-based jet day fighter combining high-speed, high-altitude performance with superior low-speed handling qualities according to Navy performance tests.

Key to the effectiveness of the Fury, say NAF pilots, is the thin wing, swept-back 35 degrees. By combining increased area with drooped leading edge, this new wing design reportedly provides excellent high-altitude maneuvering capabilities and low-speed handling required for carrier operation without sacrifice of high speed. Test piloting the FJ-4 Fury here is Lt. H. F. Tipton.

Douglas Planes
The Douglas planes—A3D, F4D and A4D—are all jet attack or interceptor units. The A3D Skywarrior is a twin jet job with a speed of 600 miles per hour plus. It is the largest carrier aircraft in use by the Navy and was recently discussed by Secretary of the Navy Thomas in a talk before a congressional

sub-committee. This big plane almost dwarfs the other Douglas attack units and is said to be the pride of the Douglas family. Test piloting the Skywarrior at NAF is LCDR. L. E. Kirkemo.

A4D Skyhawk
The A4D Skyhawk is a single engine, one-place jet attack aircraft. It is capable of traveling at supersonic speed, however it will be employed mostly in the sub-sonic range. It is reported to be in the 600 knot plus speed range.

In the production of the A4D, Douglas solved many problems of weight. In constructing the plane they employed weight-solving devices such as elimination of many pieces of electronic equipment and by assenting the emergency hydraulic systems. This saving of weight increased the plane's efficiency in operations and did so without the loss of safety factors for the pilot. Most of the carrier-based attack squadrons now using the AD Skyraider will soon receive the A4D as a replacement and the future of the Skyhawk promises to be a long and distinguished one. The plane is being tested here by LCDR. Dickson Alderton.

F3H Demon
The Douglas F3H Demon is a single engine jet interceptor and is also reported to be in the 600 knot plus range. The Skyray incorporates a modified delta wing that gives the plane an exceptional performance rating. NAF pilots state that the Skyray is a popular product among Navy fliers and that currently the plane is proving its metal. Douglas officials report that the plane is capable of high-speed performance combined with outstanding maneuverability qualities making it a highly desirable Navy weapon.

McDonnell Demon
McDonnell's F3H Demon is a single seat, single jet engine all weather night interceptor and has a speed range of 600 miles per hour plus. The Demon has a swept-back wing at approximately a 45 (Continued on Page 6)

'C of C' Offers Booth at Fair For TV Drive

A booth will be provided at the sixth annual Desert Empire Fair to assist the drive for funds to complete installation of electric power lines to the television booster station on Laurel mountain.

The booth will be donated by the Ridgecrest Chamber of Commerce with the understanding that personnel to man it will be provided by the committee in charge of the drive.

The repeater station makes it possible for the people of the Indian Wells Valley to get good television reception on all seven Los Angeles channels. It is the only station of its kind in the world and was designed and built by China Lake and Ridgecrest men in their spare time under the direction of George Sutherland.

The work of installing the power line is nearing completion. It has been done with the donated labor of men from China Lake and Ridgecrest in their free time just as the station was originally built.

Burroughs High Offers Adult Woodshop Class

Burroughs evening high school will again offer a class in woodshop when the fall semester opens on September 10, announced W. J. Shortt, director, adult education office. This class was not held last year due to a small enrollment.

L. E. Lundstrom of Burroughs High School will be the new instructor. The class will meet on Monday and Wednesday evenings from 7 to 10 p.m.

Students will study the use of hand and power tools through construction of projects of their choice.

Watch Repair Service To Close Sept. 6-20

The watch repair service of the navy exchange will be closed from September 6 through 20, while the repairman is on vacation, according to an announcement received this week for Lt. L. H. Benfell Jr., navy exchange officer.

All finished work ordered up in the exchange.



DOUGLAS A3D SKYWARRIOR—The flight crew currently putting the J. P. Gibbs, AD1, plane captain (center) and W. J. Laws, AQ1, bomb A3D Skyraider through its paces is LCDR. L. E. Kirkemo, pilot (left), co-pilot (right). The plane is a superior performer.



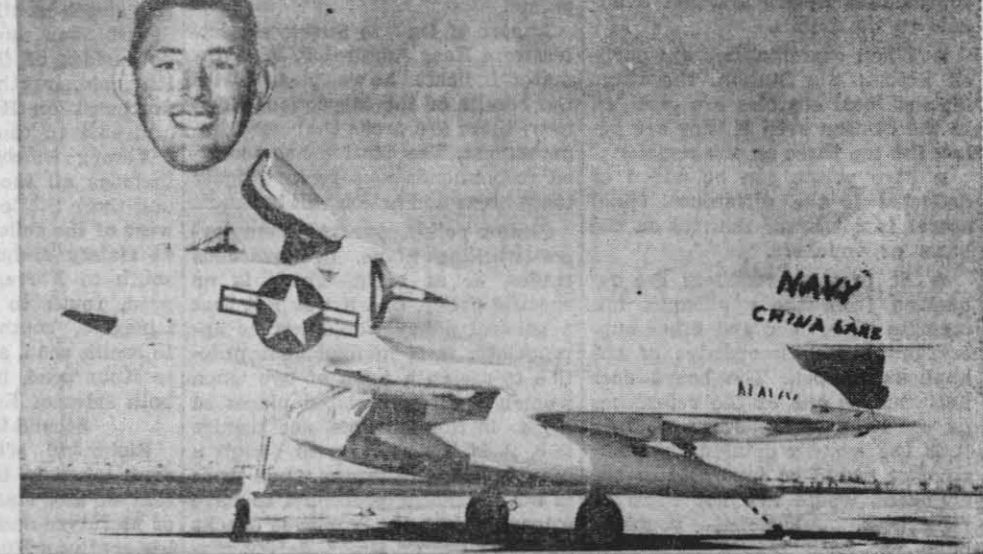
MCDONNELL F3H DEMON—A single seat, single jet engine job that travels at the 600 miles per hour range is piloted by LCDR. A. F. Tozer of NAF.



NORTH AMERICAN FJ-4 FURY—The plane is a 700 miles per hour class and is piloted by LCDR. H. F. Tipton.



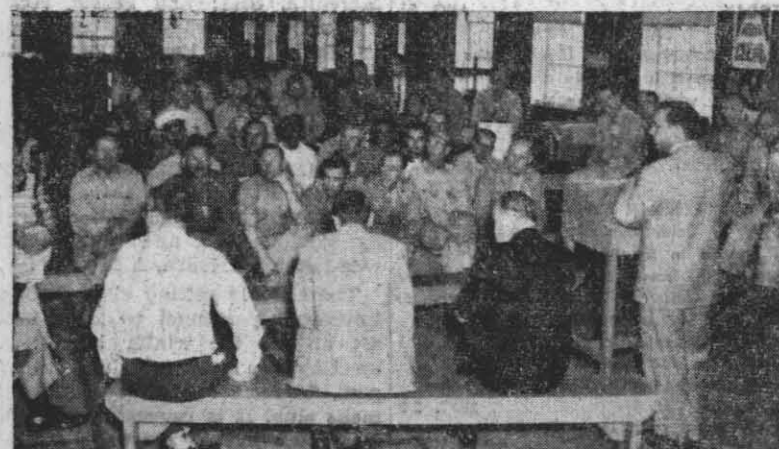
DOUGLAS F4D SKYRAY—Undergoing testing at NAF is this delta wing job piloted by LCDR. Dickson Alderton. It is in the 650 miles per hour class.



DOUGLAS A4D SKYHAWK—Supersonic speedster A4D is among the fast, carrier-based Douglas aircraft. It is in the 650 miles per hour class.



PROMOTION—Two months after his arrival at Pasadena, Commander Groner accepted congratulations on his promotion to the rank of captain.



ALL-HANDS MEETINGS—In March 1955 Capt. Groner met with all hands at Morris Dam, giving a regular schedule of such meetings under EMCO auspices, bringing all hands an opportunity to ask questions and receive answers from top management.



LAST DESK LEAVES THOMPSON LAB—A big operation, the uprooting of several hundred employees and their equipment for relocation at the Foothill plant. It came off on schedule.



DISTINGUISHED VISITOR—In September 1955, Capt. Groner greeted RAdm. C. C. Hartman, Commandant, Eleventh Naval District.



A TOP CIVILIAN—John W. Macy Jr., executive director of the U.S. Civil Service Commission, visited Foothill in December 1955 to meet with the policy board of the naval laboratories in California. He is pictured here with Capt. Groner and Dr. William B. McLean, technical director of NOTS.

Two-Year Tour Ends for OinC At Pasadena

An Officer in Charge of a naval establishment must deal with people and problems on all levels. He must be administrator, counselor, mediator, host, and diplomat.

He must preside over large operations and listen to small problems.

He must understand technical programs and their application to Fleet operations.

He must receive top-ranking naval officers and highly placed civilian administrators, and he must be equally able to cope with Cub Scouts on Armed Forces Day and visitors at hobby shows.

As the working days jog along one after another, we are inclined to lose track of the sum of these experiences. Pasadena Annex is pleased to devote this page, in token of farewell, as a pictorial review of the two-year tour of duty of one man at one naval installation — Captain William T. Groner, Officer in Charge of NOTS Pasadena Annex.

Changes at Pasadena

Captain Groner has been with NOTS during a time in which there has been a marked change in the mission of the underwater ordnance department. In this period there has been a recognition that our emphasis should be on the development of improved weapons systems on a scale and schedule that will get them to the Fleet in the near future.

UOD management credits Captain Groner with wholehearted help and support on every program—whether it involved equipment or organizational changes. He is credited particularly with increasing, through his interest, more effective range operations. He has helped to bring about a healthy cooperation between technical and support groups.

He has brought to the technical divisions an increased awareness of Fleet problems, attitudes, and needs, and a better knowledge of how our weapons can be expected to be used.

Through his experiences here during a developmental period, Captain Groner will be taking back to his fellow officers at sea a true picture of the mission and accomplishments of a research establishment.

He will be remembered here as the possessor of the rare combination of intense interest in the individual and a real concern for the Navy's interests and the taxpayer's dollar.

San Francisco to be Home Port

Captain Groner and his wife, Enriqueta, will leave next week for San Francisco, home port of the USS Rainier. Captain Groner will be in command of the Rainier, an ammunition ship.

A graduate of the U. S. Naval Academy in 1936, Captain Groner later took graduate work in ordnance at Annapolis, and received his Master of Science degree in physics from UCLA in 1945.

After receiving his commission, he served on the battleship West Virginia; put the cruiser Brooklyn into commission; was gunnery officer of the carrier Belleau Wood; served on the staff of Commander Mine Craft in the Pacific in 1945 and 1946.

He was with the Operational Development Force as commanding officer of the destroyer Richard E. Kraus; was attached to the Naval School of Harbor Defense in San Francisco for three years, and with Fleet Activity Group Two in Japan and Korea prior to assuming his duties as executive officer of the heavy cruiser USS Toledo, his last duty before coming to NOTS.



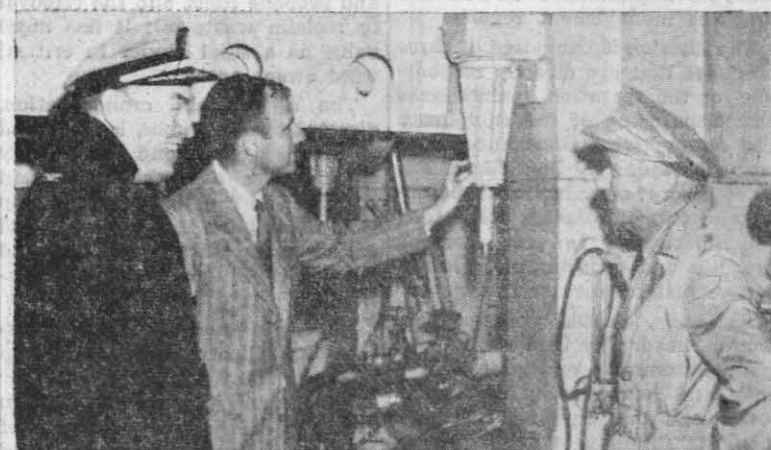
The time has come, as it always does to us in the Service, when I must move on to another duty assignment. These two years I have spent with you all at the Annex have meant a great deal to me, and I feel I have made many sincere friends among you; I hope to keep those friendships alive after I leave. I have never known a group who, collectively and individually, technical and support, have given more of themselves to their jobs, or made a greater relative contribution to our defense effort.

I have been proud of you and proud to be with you, and I hope I have helped you to make the Annex and NOTS generally a better place of which to be a part. I hate to leave you; my heart and my thoughts will stay with you; and I wish NOTS and the Annex, and each of you individually, all success for the future and a full measure of recognition for the outstanding work you are doing.

William T. Groner
Captain, USN



ON-SITE SURVEY—Capt. Groner greeted RAdm. C. L. C. Atkeson, senior member of the on-site survey party visiting the Annex last March.



CHIEF OF THE BUREAU OF ORDNANCE—RAdm. F. S. Withington, accompanied by Capt. Groner, receives a rundown from Chuck Beatty on the hydro-dynamic simulator during his visit last April.



RARE HONOR—Capt. Groner receives a resolution of appreciation for his democratic leadership, integrity, and fair play from Lodge 1548, International Association of Machinists, presented last June.



TOP KEGLERS—The Bomb Disposal team takes first place honors in the A.F.H.L. (Summer) Bowling League 1956. Members of the team, front row (l. to r.) are: Earl Pittman, AO2; James Dodero, GMI. Back row, (l. to r.) are: James Hearn, AK1; Kenneth Smith, AO3; and Joseph Mattis, TMI. (See story in recreation column.)

Public Works Transportation Division Congratulated for Outstanding Record

Brrrrrrrring! "Hello, transportation?"

"Yes, dispatcher Jones speaking."

"I need transportation."

"What type do you want?"

"Anything with wheels that has a crane on it."

Calls like these do come in and Tom Boyd, head of the transportation division of public works does a good job of filling these requests out of the 2,000 pieces of equipment in his division. This unit has equipment which ranges from power lawn mowers, passenger cars, jeeps, trucks and railroad locomotives to 45-ton mobile cranes, not to mention special purpose equipment.

The transportation division is required to service an area that is larger than either Rhode Island or Delaware. The total value of equipment to deliver this service is \$8,000,000. To operate and maintain this diversified equipment over the 450 miles of roads within the confines of the Station requires the services of 163 employees.

Assisting Tom Boyd is an administrative staff, headed by Ge Bell and a cost control staff, headed by Billy Mitchell. The administrative staff's function is to perform research, maintain inventories, prepare reports, conduct correspondence and maintain records. The cost control staff collects and analyzes maintenance costs and prepares management reports.

The division is composed of three branches that are directly responsible for the operation, maintenance and dispatching of the equipment. The automotive maintenance shops branch, headed by Joe Barra, has an estimator, a production dispatcher, and two automotive inspectors. Its function is to plan, control, expedite and coordinate the automotive maintenance sections.

The body, chassis and electrical section, headed by Carl Porter, has seven automotive mechanics, three body and fender men, one upholsterer and two equipment service men. Its function is straightening of frames, body and fender work, electrical and cooling systems repair, as well as tire repair. The motive systems section, under the direction of Paul Bangle, performs preventive and corrective maintenance engines. It renders the same service on drive and braking systems.

Gordon Standard heads the heavy duty field maintenance branch, which has some unusual problems to cope with in the maintenance of special automotive equipment such as 45-ton mobile cranes, bulldozers, dumpsters, ditch diggers, asphalt distributors, mobile machine shops and other heavy machinery.

This branch has two sections, the shop area, heavy equipment maintenance section, directed by Ed Hogue who coordinates the work of thirteen heavy duty mechanics, one iron worker, one combination welder, and one general helper. The sec-

ond is the field area maintenance section, headed by Harris Willis, who coordinates the work of eleven men in the maintenance and repair of equipment in the field. This group's travel time in trouble shooting over a 1000 square mile area has been greatly reduced by the use of radio communication.

The operations branch of the transportation division, headed by Walter Wilson, is divided into four sections. Its function is to plan, control and coordinate the work of the equipment operations sections.

The dispatching section, under Harry Costello, with twenty men, operates the general purpose vehicle pools, buses and taxis and service stations. This section has direct control over five sub-pools, with a dispatcher in each, located at Armitage Field, the administration building, Randsburg wash, main replacement pool, and two at Michelson laboratory. It also has technical control over pools at the pilot plant and Pasadena Annex. Judicious dispatching of vehicles to utilize them to the fullest extent has resulted in reduction of passenger-miles cost to the Station.

The fuel waste section, headed by Danzil Hull, has thirteen heavy truck drivers, one heavy duty laborer, and one automotive equipment operator, to perform bulk deliveries and dispensing of gasoline, diesel and propane fuels, and the removal to reclaim waste oil; it has more value as a sand binder in critical wind swept areas.

The rigging and crane section, directed by Art Tubbs, is composed of seven riggers, one heavy duty truck driver and one engineman (H&P). The function of this group is to accomplish the numerous and varied heavy lifting, loading, and moving of equipment on the Station.

Hal Boyle heads the heavy transport and railroad section. Its function is to transport heavy material by truck and operate the Station railroad system, consisting of twenty-eight miles of track and twelve pieces of rolling stock. Two of the pieces are 80-ton class diesel locomotives. This unique group has on its roster: John Talley and Charlie Greathouse, engineers; Ernie Guy and Otto Galbrecht, brakemen.

Public works officials report they are proud of the transportation division. It has an enviable record including the lowest operating cost in the Eleventh Naval District and the district has the lowest operating cost in the State of California. The first year of the establishment of vehicle pools and sub-pools resulted in a 6.5 percent reduction in the number of non-specialized automotive units and increased utilization of this equipment resulted in a 6 percent increase in mileage per unit. The total reduction of maintenance and operating costs to the Station was \$107,981. "Well done and congratulations," say Station officials.

NOTS 'Playwrights' Extended Invitation To Enter Contest

The Board of Directors of the Bakersfield Community Theatre has extended to China Lake personnel for playwrights who wish to have an invitation to enter competition their production produced. The theatre's spokesman points out that the cost of professional productions makes it impossible for the unknown dramatist to see his works actually presented on the stage and as a result of this, the Bakersfield Community Theatre is sponsoring competition in Kern County.

"As a community theatre group it is our belief that there is available talent within Kern County to fulfill the needs of good theatre, playwrights notwithstanding," said Hal Silverman, chairman of the group's playwrighting competition.

Though the theatre is offering no cash prize for the winning entry, the first-place script will be awarded public presentation during the Bakersfield Community Theatre's forthcoming program of plays. Apart from the condition that he permit the theatre group to produce the play royalty-free for a period of two years, the playwright retains all rights and privileges of authorship.

In the letter to the ROCKETEER editor asking for entries from China Lake, the group instructed that local dramatists should mail their entry, with postage and envelope for return of the manuscript, to Francis Borgan, 924 "C" street, Bakersfield. The writer's name must not appear on the title page or elsewhere in the script, though a letter affirming his authorship should accompany the entry. Plays should be three acts in length or the equivalent and can be either original plays or unproduced adaptations.

Job Opportunities

Scientific Staff Assistant, GS-12. The position is that of head, planning and administrative division and involves a wide variety of technical and administrative responsibilities.

The duties encompass the following: responsibility for developing, reviewing and analyzing performance of project plans under cognizance of test department; providing technical and policy review of NavOrd reports; responsible for making policy guidelines for fiscal control of allocated funds, and through staff supervision is responsible for all phases of administration.

Firefighter (trainee), GS-3. Applications and information are available at receptionist desk, personnel department.

Administrative assistant, GS-9. This position is that of head, administrative staff, technical information department and has the responsibility of providing the department with the necessary administrative functions (budget, personnel, O&M, office management, etc.). For further information call extension 71648 or 71393.

Tenure Awards



10-YEAR SERVICE — Two employees of the maintenance division in public works department are shown holding 10-year service pins. Recipients (l. to r.) are: Charles E. Wilcox; and Marguerite Osborne.

What's Doing IN RECREATION

By Helen Michel, recreation director

Bowling is one of the most popular sports and an excellent recreation activity. There are two bowling alleys on the Station and several leagues are formed each year for men and women.



Starting Times: 6 and 8 p.m. daily
Kiddies' Matinee (Special Movies)
1 p.m. Saturday
Matinee: 1 p.m. Sunday

TODAY AUG. 31

"BANDIDO" (90 Min.)
Robert Mitchum, Ursula Thelms
Mitchum is involved in a Mexican revolution for what he can get out of it—preferably money or excitement. It's a lively, gun-filled adventure.
SHORT: APSM No. 541 (30 Min.)

SAT. SEPT. 1

"REBEL IN TOWN" (78 Min.)
John Payne, Ruth Roman
Arizona in the immediate post-Civil War era is the scene of this actionful, highly dramatic western. A father gets his revenge.
SHORTS: "Law and the Lab" (8 Min.)
"Operation Ice Cap" (19 Min.)

MATINEE

SUN.-MON. SEPT. 2-3

"BIGGER THAN LIFE" (95 Min.)
James Mason, Barbara Rush
This domestic horror tale is NOT for kids or the squeamish, as it deals with modern drugs. A deliberate overdose of Cortisone makes a psychotic monster of a happily married man. A happy finis.
SHORTS: "That's My Mummy" (7 Min.)
"Viva Cuba" (10 Min.)

TUES.-WED. SEPT. 4-5

"THE HUK" (84 Min.)
Geo. Montgomery, Mona Freeman
The so-called "Huks", one time guerrilla fighters who turned against their native Philippine land to become ruthless desperados provide the action in this picture, in a post war setting.
SHORTS: "Rodeo Daredevils" (10 Min.)
"Four Minute Fever" (9 Min.)

THURS. SEPT. 6

"QUEEN OF BABYLON" (109 Min.)
Rhonda Fleming, Ricardo Montalbon
No synopsis available at printing time.
SHORTS: "Punts and Stunt" (9 Min.)

Chapel Building Report Announced

A progress report on the construction of the new All Faith Chapel was submitted this week by Station Chaplain James L. Carter. The chapel is slated for completion by April, 1957.

Rapid progress is being made on the erection of block walls for the morning chapel and office area. The last of twenty reinforced concrete bents for roof structure were poured this week. After a curing period of 28 days, these will be ready to be raised into place.

Plans are underway for a corner stone laying ceremony. It is anticipated that this will take place in October.

Barbershop Harmony Films Will Be Shown At CPO Club, Sept. 10

A joint meeting of Indian Wells Valley chapter of the Society for the Preservation and Encouragement of Barber Shop Quartet Singing in America, Inc. (SPEBSQSA) and the Bakersfield chapter will be held at the Chief Petty Officers' Club at 8 p.m. on Monday, September 10. "Devotees of barber shop harmony are invited to attend," announced Lt. L. E. Slagle, president of the local chapter.

Two slide films with sound entitled "Balance and Blend" and "Voice Expression" will be shown by Lou Velzy, president of the Pasadena chapter.

As there will be room for a limited number of guests, those desiring to attend should notify Clyde Hazen, extension 74904.

Rhymes of the Times
WHEN YOU BUY BONDS
YOU BUY THE BEST
LET U.S. SAVINGS BONDS
FEATHER YOUR NEST

The AFHL, a summer bowling league, in progress for the past two months, finished up its season with the bomb disposal team taking first place honors with 30½ wins and 11½ losses. The missileers made a bid for first place but ended up in second with 23 wins and 7½ losses. Eight teams participated in the league.

Members of the bomb disposal team were: Hearn, AK1; Dodero, GMI; Mattis, TMI; Pittman, AO1; Meredith, SK1; and Smith, AO3. The missileers team was composed of Higgins, GS1; Poulin, GMI; Kephart, GSC; Marszinko, GS3; Schram, GS3, and Lyons, GS3.

High Game Honors

High game honors were won by Vaughn, TEC, with a score of 229. High average of 163 was claimed by Poulin, GMI and high series was taken by Hearn, AK1 with 598.

The time is getting close for all interested personnel to meet and set up for the winter league. A meeting has been scheduled for 7 p.m., September 10 at the enlisted mens club. It is requested that all interested military personnel attend this meeting to make plans for good participation this winter.

The China Lake women's bowling league is busy making plans for their fall program. They are calling a meeting on September 5 at 7:30 p.m. at the Community Center to organize their teams. Their handicap league will start September 19 and will continue each Wednesday night for 26 weeks. President Carol Smith and Secretary Neola Smiley issue an invitation to all interested women to attend the meeting. You don't have to be a champion bowler or have had a great deal of experience. Come and join them for the fun.

Attendance at Station Theatre

In order to protect the special privilege granted to this Station which permits civilian employees and their dependents residing on board to attend motion pictures at the Station theatre, and so as not to jeopardize the contract for the first run pictures which similarly limits attendance to those residing on board it is necessary to take care that no unauthorized person is admitted to motion picture showings.

Bonafide Guests

Bonafide guests of authorized personnel also may be admitted, such guests being defined as house guests with a home address beyond a ten-mile radius of the Station.

All persons attending the Station theatre when motion pictures are being exhibited must present to the theatre attendant a valid identification card, Station pass, temporary pass or a whiz pass. Guests must be accompanied by their host or hostesses and both must sign the guest register in the theatre lobby. Children of Station residents between ages 5 and 14 years will be issued a theatre pass and those 14 years and older will be issued a dependent pass at the Identification office. Guests will be issued either a temporary pass or a whiz pass at the main gate pass office.

Station Facilities Sell Packaged Ice Cubes

Packaged ice cubes in plastic bags are now available during business hours at the navy exchange restaurant and snack bar located in the community center, according to Lt. L. H. Benfell Jr., navy exchange officer. The cost is 35 cents for 25 pounds of ice cubes.

Navy exchange restaurant and snack bar business hours are:

Restaurant — Monday through Friday, 5:30 a.m. to 8 p.m., Saturday and Sunday, 7 a.m. to 1 p.m.

Snack bar — Monday through Friday, 7 p.m. to 11 p.m., Saturday and Sunday, 4 p.m. to 11 p.m.