Desert Community Orchestra Season to Open

FRA Auxiliary To Host National Recording Sec'y
China Lake's Unit 95 of the La-

dies Auxiliary of the Fleet Reserve Association will host the association's national recording secretary, Mrs. Rose Allen Dailey, at its meeting next Wednesday in the FRA clubhouse, 365 McIntyre St.

A buffet supper honoring Mrs. Dailey will be served at the Acey-Deucey Club prior to the meeting. Members of the Fleet Reserve Branch will join the auxiliary at the buffet, and prospective members are invited to both the dinner and the meeting. The latter starts at 7:30 p.m. at the McIntyre ad-

(Comedy in Color) Would you help you husband? Sam does and you'll howl at the A real blues-chaser! (Adult.)

--MATINEE--"STOP, LOOK AND LAUGH" (78 Min.) Three Stooges

1 p.m.

Shorts: "Little Boy With Big Horn" (7 Min. "Capt. Marvel No. 4" (17 Min.) --EVENING--"WALLS OF HELL" (88 Min.)

Jock Mahoney, Mike Parsons 7 p.m. (War Drama) American-led guerilla un held by Japanese in Intramuros (walled city Friday

of Manila). Action-filled saga of liberation Saturday filmed on-site. (Adults, Mature Youth.) Shorts: "I Taw a Putty Tat" (7 Min.)

DEC. 6-7 Saturday "INVITATION TO A GUNFIGHTER" (91 Min.) Sunday Yul Brynner, Janice Rule

(Western-Drama in Color) The town banker

Shorts: "Lighthouse Keeping Blues" (7 Min.) TUESDAY-WEDNESDAY

OOKING FOR LOVE" (84 Min.) Connie Francis, Jim Hutton 7 p.m.

(Musical Comedy in Color) A beautiful frustrated singer invents a clothes vale which she merchandises on TV and sneaks in a song or two. Connie hears "Bells Ring" when the right fellow kisses her! All in fun.

Shorts: "Professor Tom" (7 Min.) *'Cheyenne Days" (10 Min.)

DEC. 10-11 THURSDAY-FRIDAY 'STATION SIX SAHARA" (99 Min.) Carroll Baker, Peter Vaneyck 7 p.m.

(Drama) Emotional conflicts between small group of men who man an isolated oil: pumping station in the Sahara Desert explode sensationally when pretty, blonde Carroll, is thrust among them. One woman and six lonely men means trouble! (Adult.) Short: "Three Cornered Tweety" (7 Min.)

New Anti-Sub Radar

A new radar system which detects submerged submarines by bouncing waves off the water has been patented. The airborne equipment bounces the waves off the surface and analyzes the return to uncover a submarine, Hydrogram report-



MODELING THEIR GOWNS for the WACOM Christmas Formal Dec. 11 are (I-r) Penny Kistler, general chairman and WACOM president; Von Molloy, assistant decorations chairman, and Louise Hyten, decorations chairman.

MAIN RETAIL STORE attempts to free imprisoned Filipino people Mon. thru Thur. 10 am-6 pm

Friday

22-Slave 24-Metal plate 27-The

32-Vexes 34-Mark left by

with a part missing

-41-Pronoun
42-Great Lake
44-Dens
45-Be mistaken
47-Part of

49-Stout cart

peasant 52-Snare 54-Latin

DOWN

pineapple 29-Kind of

CROSSWORD PUZZLE

88-Soil

Navy Exchange Christmas Formal Decor Shopping Hours To Be Gold, Pink and Red

Desert plants sprayed gold and accented with pink and red chestra, the San Diego Symphoballs will serve as table centerpieces in the Mojave Room of the netta, the San Diego Youth Sym-10 am-9 pm Commissioned Officers' Mess at the Christmas Formal Dec. 11.

Mon. thru Thur. 11am-6:30 pm sponsoring the dance, and mem-11 am-9 pm bers of a committee headed by and green to match its new in- part in the Kern County Cham-8 am-4 pm Louise Hyten and Von Molloy terior. Noon-4 pm will decorate the Mojave Room

Answer to Previous Puzzle

60-Vessel's

planking

62-Cooled lava

64-College

degree

(abbr.)

66-Negative

46-Perch 48-Article of

63-Hebren letter 56 Once around track

51-Note of scale 61-Pronoun 53-Hebrew

100 couples attending will receive a bottle of champagne. COM Will Elect 4

ASTME Lauds

Physics Division, Research De- four vacancies on the Advisory partment, has received a certi- Group by the nominating comficate of appreciation "in recog- mittee. Nominations also may be nition of a worthy contribution made from the floor. to the educational objectives" of A discussion period will fol-

VX-5 is furnishing a glass | She was a member of Sigma chandelier for the Mojave Room Alpha Iota, national honorary where dancing to the music of music fraternity for women. the Crescendos will be held Pianist Colleen Metcalf, also from 9 p.m. to 1 a.m. This will well known in this area, has parfollow a buffet dinner from 6 ticipated in chamber music acp.m. to 9 p.m. in the Executive tivities locally and in Bakers-

Dress is formal. Each of the

Dr. Langenecker

At Trong Sunday, In Ridgecrest **Monday Evening**

The 1964-65 concert season of the Desert Community Orchestra opens Sunday, Dec. 6, in the Trona School Auditorium, followed by another performance Monday evening at James Monroe School in Ridgecrest. Both concerts will begin at 8 p.m.

Conducting the premiere offerings will be Albert E. Warren, local junior high school teacher who has played a key role in the orchestra's progress.

Featured in the opening concert will be a violin solo by Rosa Lee McKay. She will play "Meditation" from the opera Thais by Jules Massenet. Accompanying her at the Dec. 7 performance will be Colleen Metcalf.

Music by Handel, Saint Saens, and Gilbert and Sullivan also are

Admission is free, but donaions are gratefully accepted.

The Desert Community Orwas organized on a non-profit basis as a cultural enterprise. It is composed mostly of amateur musicians from Indian Wells Valley.

Conductor Warren has been in nusical circles since 1938. He is a graduate of the New England Conservatory of Music in Boston. Sharing the podium with him on occasion is the orchestra's cellist, Dr. Perry Stone.

Violin soloist Rosa Lee McKay is a founding member of the Desert Community Orchestra. the San Diego Symphony Or-The Women's Auxiliary of the in a red, pink, and gold color certmistress for three years, the Commissioned Officers' Mess is scheme. The Executive Dining Jacksonville, Fla., Symphony Orber Music Festivals since 1961.

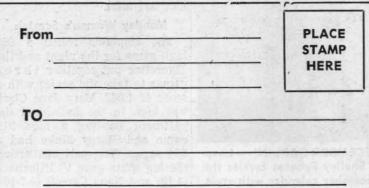
Dining Room featuring prime field. She is a member of Mu rib, lobster, or a combination of Phi Epsilon, national honorary

Tickets at \$10 per couple may be purchased on or before December 8, or at the main desk in the Commissioned Officers' At Annual Meeting

The annual meeting for members of the Commissioned Officers' Mess (Open) will be held at the Officers' Club Monday, Dec. 7, at 8 p.m. A slate of candidates will be

Dr. B. Langenecker of the presented to the membership for

the American Society of Tool low the election, during which and Manufacturing Engineers. members may voice their views.



Per Diem Personnel Granted Pay Raise

Hike to Show On Pay Checks Christmas Eve

Over 1650 per diem employees at China Lake and Pasadena will receive larger pay checks on Thursday, Dec. 24, the day before Christmas as a result of the wage survey just completed in the Los Angeles area.

The Station was notified by Vol. XIX, No. 49 the Navy's Office of Industrial Relations this week that the new W. M. Blinkhorn, local Wage and Classification Division Head.

area while China Lake employ ees receive an additional sixcent-an-hour differential for the desert area.

Examples of the new schedule for China Lake employees are listed below: Laborer, level 2, step 2, \$2.56,

an increase of 6 cents. Helpers, level 5, step 2, \$2.80,

an increase of 7 cents. Electrician, level 11, step 2, \$3.48, an increase of 10 cents. Machinist, level 11, step 2, \$3.48, an increase of 10 cents. Plumber, level 11, step 2, \$3.-48. an increase of 10 cents.

Machinist, level 11, step 2, \$3.48, an increase of 10 cents. Model Maker (Machining), level 14, \$3.66, an increase of 10

Model Maker (sheet & plate metal), level 14, step 2, \$3.66, an increase of 10 cents.

Toolmaker, level 14, step 2, \$3.66, an increase of 10 cents. There was no change in shift differential.

Lecture at WDC

Spelunking — the exploration of caves — is the subject of a film-lecture to be presented by Jim Gossett of Ridgecrest at the new NOTS Weapons Display Center next Thursday, starting at 7:30 p.m.

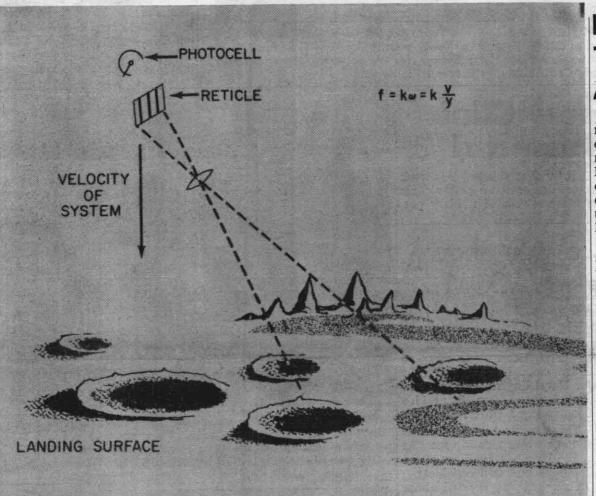
This will be the first lecture of a series projected by George Silberberg, trustee of the Matu-



NAVAL ORDNANCE TEST STATION, CHINA LAKE, CALIFORNIA

Fri., Dec. 4, 1964

schedule of wages would become effective the first pay period after Dec. 1, according to Pasadena employees' wage schedule will be based on that approved for the Los Angeles area while China Lake employ. Angeles area while China Lake employ.



DURING SLV descent terrain images move across reticle producing photocell signals having a frequency proportional to velocity over height ratio. Rocket thrust is automatically controlled to maintain this ratio, assuring a soft landing.

Spring, Maryland.

operations research analysts.

manager, who sent an an-

qualifications from Code 652.

Social Security Rep.

To Be Here Dec. 9

Patent Awarded To Paul Driver And Two Others

Aviation Ordnance Department branch head Paul C. Driver and two former Test Department employees. Charles E. Hendricks and Donald D. Stevenson, have been granted a patent on a device that could be utilized to soft-land a space ve-

Significance of the patent award to the NOTS-inventors was pointed out by newsman Stacy V. Jones in a New York Times News Service article.

He wrote: "The Navy is prepared for an automatic soft landing on the moon. Staff members of the Naval Ordnance Test Station obtained a patent this week for the control equip-

The device, an electro-optical scanner control-guidance package, was developed here by the trio in conjunction with the NOTS retro-rocket soft-landing

The SLV, an outgrowth of research sponsored by the Marshall Flight Center, NASA, and BuWeps, demonstrated the scan-



PAUL C. DRIVER

nouncement to the Undersea ner's ability to control the ve-Warfare Research and Develop- hicle's vertical takeoff, climb to ment Planning Council. Captain the desired altitude, hover, and John I. Hardy, ComNOTS, and gently land without damage to Dr. W. B. McLean, NOTS Techits load of scientific instrunical Director, are council ments.

Scanner Explained Persons interested in apply-

Co-inventor Paul Driver, an ing may obtain detailed infor- AOD employee since 1945, said mation concerning duties and the auto-control equipment includes an optical angular-rate sensor in which an image of the approaching terrain is focused on a fixed reticle having alter-C. A. Kempter, Social Secur- nate transparent and opaque ity representative from Bakers- bars.

field, will be at the Community | As the craft descends, Driver Center on Dec. 9 from 8:30 to explained, the terrain image

X. Martin Smith Receives NOL Seeking Systems Staff Meritorious Service Award At White Oak Topflight vacancies in

Test Department's Xavier Martin Smith rounded out 27 years of Federal service with a personal presentation of the Navy's Meritorious Civilian Service Award to him by Station Commander Capt. John I. Hardy. It is the third highest honor-

ary award made by the Navy under the Incentive Awards Pro-The award cited Smith for his

exemplary manner as a writer and monitor of technical con-In addition to recognizing an

individual's contribution which has resulted in high values or benefits to the Navy, the award carries with it a lapel emblem and a certificate signed by the head of the employing activity. An engineering graduate of

Rensselaer Polytechnic Institute, Martin pioneered engineeringaudits. He is an author of numerous papers relating to this field.

The award was the finale to a dual career as a civil service employee and naval officer. Smith came here in 1947.



X. MARTIN SMITH is presented Meritorious Civilian Service Award by Capt. John I. Hardy, ComNOTS, Wednesday.

CHAPLAIN'S MESSAGE

The Teenage



By Fr. Joseph A. Costa, O.F.M. CAP.

(Continued)

The teenage world we have described is not a particularly pretty one. It is a world of confusion, frustration, and, one almost hesitates to use the word, despair.

Can anything be done about it? Of course things can be done about it, but they will not be simple or easy. The world of young people, as we have said, is but a cruelly realistic reflection of their parents.

If we wish to change the teen culture, then we must change the culture of the larger society. We must put some kind of purpose and vision back into our lives. We must believe ourselves that there is excitement and challenge left, that there are things more important and more urgent than professional success — because if we do not believe this then our children will certainly not believe.

We must find time for our children, not when they are teenage strangers, visitors from another planet dwelling in our midst, but all through their lives. If we wait till the teen years it will be much too late. If we have no time for them during the years of childhood, then they will have no time for us when they are adolescents.

We must have faith and we must communicate that faith to them. We must have hope and we must communicate that hope to them. Above all we must have love - love for God, for our fellow men, for our community, for our historical and political traditions, for the whole world of natural creation, for all that is good, true and beautiful and we must be so attractive as persons that this love will rub off on the young people who are entrusted to our responsibility. In the absence of these virtues, the most one can expect from our dealings with the young is that we will do little positive harm.

The teen world we have described is not a pretty one. Afraid of meaninglessness, tormented by the mysterious demands of sex, constrained by the tyranny of the gang, unable to have a good time without the relaxing influence of drink, confused by an irrelevant spirituality, the American teenager might seem a harried, haunted human being.

One is tempted to say that it isn't that bad, that it simply cannot be that bad.

It is difficult to see how anyone could keep his sanity under such strains and pressures. Some teenagers do not; psychic and psychosomatic illness are by no means uncommon. The conduct of diversified internal reviews Even more frequent is an impairment of efficiency — things that should be done are not done because the young person has Clemente Island. too many other things on his mind.

Things are not always bad, of course; and some young people, especially those from a healthy and sympathetic family background are able to bridge the gap between childhood and maturity with very little strain. We make a mistake however if we consider the teen years to be the "happiest years of life." They are not and cannot be, since they are at best years of incompleteness and preparation. Adults who insist that their own teen years were serene and pleasant are being very selective in their recollections.

When teenagers do have "fun" it is a very intense kind since experience has not taught them restraint, but it is also a very shallow kind since experience has not yet taught them depth. The intensities of enjoyment may seldom be matched in adult life, but these intensities are rare in actuality, however frequent they may become in nostalgic retrospect.

The tipoff that an observer does not know what he is talking about is that he complains "I don't know what is the matter with young people today; we were never that way."

Both statements are evasions. "We" - whoever "we" were — may not have had exactly the same problems, but "we" did not have an easy time becoming mature (if indeed "we" ever not have an easy time becoming mature (if indeed "we" ever did). And if "we" cannot understand why teenagers act the way they do it is because "we" refuse to face the self-evident fact that teen culture is merely a distorted reflection of adult

Teenagers are the way they are because they are our children. If we wish to change them and their world, we must at the same time change ourselves and our world. The adult who is not willing to accept this truth would be better advised to restrain his tongue when he wants to criticize the young people of today. He is really criticizing himself.

My Beloved Teenagers, I sincerely hope and pray that these few thoughts expounded here these past few articles might be of enlightment to you and inspire you with sincere sympathy for your elders and yours will not be the same pitfalls as those of your adult contemporaries. May you equip yourselves with the courage, strength and conviction that you will expend all your energies in your future roles as adults improving the adult culture so that your children may live in a better world. sey, Scout Leader of the Elks-

Jewish Services This Evening at 8

Jewish services will be con- sion also in the East Wing.

Sabbath School will be in ses- Restaurant.

ducted by Student Rabbi David And on Sunday the Jewish ford Meeker, Past Exalted Rul- Photographs. Zucker this evening at 8 p.m. congregation will hold its first er, and Frank Menard, Esteemed The Rocketeer receives Armed Forces Pres in the East Wing of the All Faith lox and bagel breakfast, begin- Lodge. Tomorrow, starting at 10 a.m. ning at 9:30 a.m. at the Station

PROMOTIONAL OPPORTUNITIES

Present Station employees are encouraged apply for the positions listed below: Apications should be accompanied by an upo-date Form 58. The fact that positions are advertised here does not preclude the use

Materials Engineer or Supervisory Physical Metallurgist, GS-12, PD 13957, Code 5516 itle depending on applicant's qualifications.) Position is Head, Chemistry/Metal urgy Section, Code 55163. Supervision of Chemists and Metallurgists performing chemi-cal and metallurgical studies and tests for identification, evaluation, failure analysis and applied research in welding, photo-con uctors, micro-electronics, and electro-chemi try. Responsible for operation of extensive nondestructive testing equipment (x-ray, ultranic, magnetic particle, penetrant) and con-litation on metaflurgical, welding, and cor-

General Engineer, GS-801-13, Code 5523-This position is that of a general engineer in the Production Engineering Branch, Electromechanical Engineering Div., Engineering Dept. The incumbent is responsible for conalysis of weapon systems and sub-systems He is consulted by and provides assistance to other Station technical departments as well s his own and other government agencie and private industry. He is responsible for preparing high quality NavWeps or IDP type reports on each of his evaluations.

File applications with Dora Childers, Bldg. 34, Rm. 32, Phone 71393.

Mechanical Engineer or Physicist (Mechanical), GS-9 or 11, Code 3534 — Position in devices under project TIARA. Applicants should have background in ordnance de-

File applications with Dee Powell, Bldg. 34, Room 34, Phone 72032.

Mathematician, GS-11 or GS-12, Code 4535 - This position is that of a mathematicia to the Analysis Branch, Quality Assurance Div., Propulsion Development Dept. The in umbent is responsible for processing an nalyzing data from static motor firings. le independently develops methods for handling, reducing, and analyzing exper mental data through the use of digita

QUALIFICATIONS: Three years of broad progressive, responsible professional experience as a mathematician with at least on

application with Louana Schneider Bldg. 34, Room 26, Phone 71648.

Auditor, GS-510-9 or 11 (1 vacancy), Code of the financial and operating activities of

Required Experience: Three years general erience equivalent to four years of sucessful study of accounting and auditing ubjects. Plus - two years specialized e perience for GS-9 level, or three years for GS-11 level, in professional accounting uditing in specialized fields. (one year at iate lower level).

File for above position with Janet Thomas Bldg. 34. Room 26, Phone 71577. Deadline for applications is Dec. 14.

NAVY OVERSEAS VACANCIES

Quarterman Machinist, Philippines; Electrical Engineer, GS-11, Hawaii. File applications for above with: Navy Overseas Employment Office (Pacific), Fed-eral Office Building, 50 Fulton Street, San

Chaplain Odell **Memorial Service**

Ridgecrest Elks Lodge 1913 Aviation Ordnance will gather in memory of their departed Brothers, honoring them in a Memorial Service next Sunday, Dec. 6, at 4 p.m. in the Elks Lodge.

Guest Chaplain will be Commander ChC. USN, Robert W. Odell, NOTS Senior Chaplain.

The Eulogy will be given by Paul Mitchell, Past Exalted Ruler of the local Lodge.

The color guard will be under the direction of Jack Hulsponsored Troop 3. Guest vocalist will be Beatrice Moore.

The program is being arranged by Delbert A. Sweany, Exalted Ruler, assisted by Clif-

Refreshments will be served ance with NavExos P-35, Revised July 1958.
Office at 50 King St., Bldg. 00929. Phones by the Emblem Club.

'DESERT PHILOSOPHER'

Woodsman, Spare That Yule Tree

By "POP" LOFINCK

Thanksgiving Day is past. Be glad you survived the traffic casualties — to enjoy the desert.

Those who did not survive can't read my column. So drive carefully — the life you save may be one of my readers.

Christmas trees. In the past this tree cutting on the Station got out of con-

Christmas will soon be here. And here is something about

In consideration and in support of the Navy's over-all conservation of natural resources program — trees should not be

cut for personal use, i.e. — Christmas trees, etc. Individuals can buy trees from the Boy Scouts and other enterprises. The Scouts' trees have been harvested elsewhere not on the Base.

The Department of Defense is much interested in the conservation of natural resources on all Army, Navy and Air Force

There is much competition among Navy bases in the promotion of this program.

NOTS LAUDED FOR ACCOMPLISHMENTS

This Station has made real progress in activating this program-with the support of the California Fish and Game Department — installing guzzlers between springs where the springs are too far apart, cleaning out springs, etc. I have heard that NOTS has received some very favorable comments from the Navy Department on our accomplishment in cooperation with this conservation program.

As a reminder . . . there is a \$100 fine for cutting a tree off the Station without a written permit from the Forestry Department—unless the tree is on private property and you have a permit from the owner.

It's cheaper to buy your tree from the Scouts.

Why don't you drive up to Kennedy Meadows area and gather pinon pine nuts-and save money-they are \$1.00 a pound in the markets. There is a good crop this year. They were a staple food of the Indians.

But rub or spray protective stuff on your hands first—as the resin is difficult to wash off. Ask any painter. He'll tell

Pinon Pine trees have a distinctive smell. Usually any smell women are not familiar with they don't like. So they didn't like Pinon Pine Christmas trees to smell up the house. But now it is so popular, that there's a Pinon Pine spray on the market to make your house smell good. So now they like it, so that shows they can change. Bravo!

The trick is to try to predict when they will change.

Christmas Parties

v	Military Ball
	Public Works
ın	
	Personnel Dept
-	Weapons Development12, 8:00 p.mAcey-Deucey Club
	CPO Children's Party
	Navy Exchange14, 7:30 p.mCommunity Center
	Supply Dept. Children's Party14, 3-4:00 p.mCommunity Center
	Technical Information
	Office of the Commander,
	Central Staff, Engineer-
	ing Dept
	Supply Department
3	Aviation Ordnance

The Rocketeer Official Weekly Publication of the
U. S. Naval Ordnance Test Station China Lake, California

"J." Bibby Public Information Officer

Capt. John I. Hardy, USN

Jack G. Broward Richard Grueneberg Budd Gott Associate Editor

Frederick L. Richards DEADLINES:

....Tues., 11:30 a.m.

Leading Knight of the Local Service material. All are official U.S. Navy photos unless otherwise identified. Printed weekly with appropriated funds in compli-



Christian Science (Chapel Annex)-Morning Service—11 a.m. Sunday School—11 a.m.

Protestant-(All Faith Chapel)-Morning Worship-8:30 and 11 a.m. Sunday School-9:30 a.m., Chapel Annexes 1, 2, 3, 4 (Dorms 5, 6, 7, 8) located opposite Station Restaurant.

Roman Catholic (All Faith Chapel)-Holy Mass-7, 9:30 a.m., and 5:30 p.m. 6 a.m. Monday through Friday, 8:30 a.m.

Confessions-8 to 8:25 a.m., 6 to 8:30 p.m. Saturday; Thursday before First Friday, 4 to 5:30 p.m. OTS Jewish Services (East Wing All Faith

Chapel)-8 p.m. every first and third Sabbath School, 10 a.m. to noon, every first and third Saturday

Initarian Fellowship (Chapel Annex, 85 King Fellowship Meeting—Sundays, 7:30 p.m. Sunday School—10:45-11:45 a.m. Dorms 7 and 8.

Launch Date Near for 'Desert Queen'

Commodore New Builds Jet-Boat Over 5-Year Period in Backyard

Quiet-spoken Arthur G. (Art) New, commodore of the China Lake Boat Club, is preparing his 25-foot all-glassed, jet drive cruiser — "The Desert Queen" — for launching.

Used 8000 Screw Nails

Looking back on his years of

It will be a momentous occa- sections, gunwhales, bow, back sion for the China Lake Boat transom and five feet of the Club — and the culmination of cockpit area, all open spaces are more than five years of work filled with CPR foam. by its commodore.

Friday, December 4, 1964

Commodore New, "was built compartment. Instrumentation with the money an average man - dials and controls - he purspends on drinks, and the time chased at close - out discount an average man spends watch- prices. To keep the batteries ing television."

But the story of Art New and nator. the Desert Queen is more than As the superstructure took a do-it-yourself hobby tale. It form, with comfort and roomidates back to 1956, when Art ness in mind, he made one small was turning over in his mind change in his "mental blueplans for a boat he would like print." To improve visibility in to build. There were no blue- the pilot house, he added a large prints available combining the drop window on each side. features of a V hull and a plan- Another modification Commoer in just the manner that Art dore New found necessary was wanted to build his boat.

So Art worked out the details for his ports - it just didn't in his mind, step by step, until work out; so Art compromised he could envision the whole on flat crystal throughout, excruiser.

cer scare." He underwent radia- iglas. tion treatments, taking limit

"It aged my skin 10 years," construction, Art recalls that he says, holding out his hands he used about 8000 drive-in to show the effects of the ra- screw nails, which, he said, cost diation. The after-effects also a cent apiece. left him nervous, edgy and sen- Despite the 4600 pounds that sitive to noise. Art estimates the boat will

a hobby to occupy his time, and shallow draft of only about eight the jet drive manufacturer said Art decided to build the boat, inches. To power the Desert Queen. Starts on Inverted Jig

laying the framework on an in- 2700 rpm. verted jig, with the keel on top. The jet drive is powered by a

Then, with the aid of two en- 350-horsepower, 1959 V-8 stock for power, righted the hull. | ly, cost him \$212.

He used the best grade doug- Two fuel tanks with 55 gallas fir in the double - walled lons capacity each, are incorporconstruction throughout, with ated in the cabin area. These the bottom and half-inch panels and matting. With an anticipat- - each will seat two or sleep on the sides. Layer on layer of ed fuel consumption of 4 to 5 one; two bunks in the bow, and fiberglas, inside and out, made gallons per hour, the Desert we can sleep two kids on the an ideal boat finish.

Throughout the double-hull range of 22 hours or more.

JET DRIVE unit is powered by 350-horsepower, marine-con-

verted Olds engine; is expected to develop 2250-pound thrust.



COMMODORE Art New in pilot house of the Desert Queen surveys more than five years'

work, during which time he built the 25' cruiser single-handed from "mental blueprint."

Expects Top Speed Over 40

Based on the estimated weight His doctor advised him to find weigh, he expects it to have a and displacement of the boat, Commodore New could expect a Working a few hours each Art installed a 12-inch 3M Ber- top speed of 40 to 48 miles per day, he built the hull by the keley jet drive, which will pro- hour. "I'll be satisfied with a rather unorthodox method of duce 2250 pounds of thrust at 25-mile-per-hour cruising speed," he commented.

Outfitting of the cabin will be gineers and some electronic Oldsmobile engine, which was completed after the launch, equipment, he found the center balanced for installation in a says Commodore New. Installaof gravity on his boat. With this racing car — and never used. tion of the pilot seat and fume knowledge, he erected a hoist,
This power plant he picked up
suspended the hull on two eyefor \$250. The marine conversion bolts, and using his automobile kit, which he installed personal-bella. Art hopes to start on the paint job this weekend.

Room For All

Cabin plans include an alcothree-quarter inch panelling on were constructed of fiberglas hol stove, breakfast nook bunks Queen should have a cruising motor box," Art said.

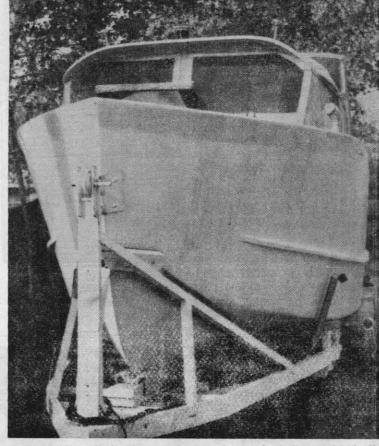
"Commodore New pointed out that the Desert Queen is traileron Lake Mead and also for trips to Catalina Island, as well as at her "home port," Lake Isabella.

There are 14 boats registered in the China Lake Boat Club. with 28 members - including each skipper's "first mate."

Queen will be a Club affair. The "Queen" already has the distinc tion of having brought to the Club its first trophy — won in 18 at Norton AFB the Desert Fair parade two

to an unfortunate series of mis-negotiating incentive contracts, ing is recommended. Most of haps to the organization's top a Defense Advanced Incentive the route is negotiable by pasofficers, who had to make sick Contracting Workshop will be senger cars, but some terrain bay their home port for a good conducted at Norton Air Force demands four-wheel drive vehipart of the boating season, Boat- Base Dec. 14-18. ing enthusiasts are invited to Nominations for the governjoin the club.

terset, Ia.



BOW VIEW of the Desert Queen shows sleek lines of V-hull, which flattens out into planer toward stern of the craft.

The launch of the Desert Incentive Contract Workshop Dec. 14-

With attendance being limited Sunday, Dec. 6. Club membership growth suf- to procurement, contract admin- Members will rendezvous at fered a setback this year, Com- istration, and technical person the triangle outside the main nodore New said, due chiefly nel who have a major role in gate at 8 a.m. Roughing-it cloth-

ment sponsored class should be Commodore New and his submitted on a NAVEXOS 12- incentives, weighted guidelines, wife, Elizabeth, reside at 308-A 410/3 to Code 654 as soon as project definition, schedule in-

Curator to Lead Tour To Ancient Lakes Area A tour to remnants of ancient

lakes in this area will be guided by Sylvia Winslow, curator of the Maturango Museum, this

cles or pickups.

Hornet. They have three chil- possible, NOTS Employee Devel- centives, performance incentivdren, Arlon Glen, stationed at opment Division reported. es, design of multiple incentive Moffett Field: Ronald Dale, em- | Emphasis at the workshop is contracts, trade-off in incentive ployed at NOTS, and a daught- placed on incentive contracting contracting, changes, and value er, Mrs. Linda Sue Hiatt, of Win- procedures, including graphics engineering in incentive conin incentive contracting, cost tracting.

ESO Doings

By Wes Fisher

to present to the council are re- Building 7. quested to be punctual.

hands of the fine series of films ples. It will be presented in arranged by Howard Miller for three parts: noon entertainment. These are generally shown on Wednesday. tion of the theory and mechan-Watch the notices and take advantage of this opportunity.

Team No. 1 will play their first persions. game Thursday, Dec. 10, at 9 p.m. on the Pasadena High School court against Evangeli- cussion of the uses of encapsucal. Team No. 2 will send the lation in such fields as detection, Jet Propulsion Lab Orbitors into identification, dissemination, fuorbit Wednesday, Dec. 9, at 7 el and propellant systems, and p.m. in the Pasadena City Col- adhesives.

Technical Briefing

The next meeting of the ESO capsulation" by the National Council will be held on Thurs- Cash Register Company. The unday, Dec. 17 at 1 p.m. in the classified program will be held Small Conference Room, Build- at 1 p.m. Tuesday, Dec. 8, in ing 7. Persons having business the Large Conference Room,

The briefing will consist of lectures and demonstrations, to-The ESO wishes to remind all gether with a display of sam-

Potential Applications-a dis-

lege gym. Let's get behind our General Discussion—Answers teams with a record attendance. to questions from the audience.



CAPTAIN G. H. LOWE bids farewell to Captain J. G. Now, Director, Weapons Systems Division (Code PWS), as he departs from the station after a morning briefing session on current developments at NOTS Pasadena.

SIX OFFICERS from the Japanese Navy were

hosted at NOTS Pasadena last Friday. Shown

with Capt. G. H. Lowe, Officer in Charge (cen-

ter), are (I-r) Lt. Hideo Kato, LCdr. Tomotaki

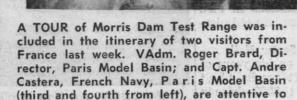
Hashimoto, Cdr. Katsuni Suzuki, LCdr. Senzo

Ebisutani, LCdr. Isamu Yokoyama, and LT.

To Be Presented The Employee Development

Committee will present a technical briefing titled, "Micro-En-

State of the Art — a descripisms of encapsulation and processes which have evolved for encapsulation of volatile liquids, Both of the NOTS basketball both water soluble and insoluteams begin play next week. ble, solids, suspensions, and dis-



the instructions of Robert K. Gottfredson, of the Torpedo Design Branch, P8027 (I), as he explains a polymer mixer. Dr. J. W. Hoyt, Head, Propulsion Division (rear), accompanied the pair on the tour. Dr. Hoyt had been hosted by VAdm. Brard in Paris.

PROMOTIONAL OPPORTUNITIES

act Nancy Reardon, Pasadena Personnel Division, Extension 492. A current SF-58 must be

submitted when applying. Experience in another trade is and 18.

Taiji Uchiyama. The visitors visited the sta-

tion for briefings on the ASROC Weapon

System. Hosting the group was R. W. Fland-

ers of the Fire Control Branch, P8054, who,

earlier in the year, spent two weeks in Japan

for purpose of instructing installation.

Purr-r-r-ty To apply for vacancies, con- Fine Bowling

NOTS Pasadena

VIRGINIA E. LIBBY - EXT. 638

By Ray Hanson

Welder; Hourly Salary Range: whisker as the NOTS Wednes-\$3.28 to \$3.56; Code P8094 — day night bowling league con-Welds, in all positions, all types cluded its ninth week of play. ductron Corp., Ann Arbor, Mich. of metals and alloys in various The Kats, with a 28.5-11.5 win- Sponsored by the NOTS Emsizes and shapes including pipes, loss record, led the second-ployee Development Committee, structural forms, plate, sheet- place Quiet Five by 2.5 games. metal, bar stock, castings, forg- Third place was occupied by the ings, machinery and equipment Side Winders with 23 and 17, take place at 1:30 p.m. Thursin the fabrication, assembly and while the El Toros and the In- day, December 10, in the Large repair of ordnance equipment. firmities tied for third with 22 Conference Room, Building 7.

desirable; i.e. Machinist, Sheet- High team series for the week metal, Electronics, etc. A weld- was taken by the Quiet Five, theory and practice of optical ing performance test is required with 2919. The Infirmities had data processing techniques. Op-

Dr. L. J. Cutrona Will Speak Here

"Optical Computers and Data Processors" is the title of a tech-The Alley Kats still hung on nical lecture to be presented by to first place by a short, thin Dr. L. J. Cutrona, Vice Presi-

Dr. Cutrona will present the high team game, a 1008. Men's tical computers are being aphigh series honors were garner-plied to many jobs, such as fre-Jerry Miller's 239 was men's quency analysis, filtering, autohigh game. D. Aitchison had la- correlation, cross correlation, dihigh series, a 658, while rectional integrations in two di-Betty Silver's 227 was ladies' mensions, and convolution inte-

John M. Sandy, Head, Torpedo Analysis Branch, leaves tomorrow for a NATO meeting in Paris, France, where he will present a paper on the MK 44 Torpedo Performance.

ond half of the paper will be presented by Stan Mneek from the Naval Underwater Ordnance Station, Newport, R. I.

since 1951 and is presently involved with analyzing performance of the MK 44, MK 46-0,

Where they happen - Durng 1963, according to state labor departments, work injuries to the trunk of the body occurred most frequently, with thumb and finger injuries next.



Coin Shortage Brings Plea Stan Mutchler Named to State For 'Piggy Bank' Savings



"CASH ME IN, PLEASE" - Dana Baker, 31/2, hands over piggy bank to local branch manager Opal Goode, Bank of America, in response to plea for more silver currency this

A baffling shortage of silver tween now and Dec. 24. community this week.

Friday, December 4, 1964

lets have been forced to double, reached a point of alarm on the at consumers, requesting "pur- gineers. and triple in some instances, Station. their normal silver currency requirements, the local Bank of America branch reports.

Signs asking patrons to use to draw silver coins. "purchase price" currency when possible are being displayed as shortage.

the local B of A facility, sounded a plea this week, asking that Station residents convert "piggy bank" savings to paper currency. She also requested savings account customers to add "pocket change" to their normal deposits.

Unable to identify conclusively the cause of the shortage, officials have speculated that coin collectors are holding back newly minted silver currency. Articles dealing with the prob-

lem nationally have pointed out that federal facilities are minting coins on a maximum production basis, but shortages continue to mount.

Half-Dollar Scarcity

The scarcity of half-dollars appears to be most acute, according to Ridgecrest Bank of America officials, where only one roll, amounting to ten dollars, was on hand early this week. The Kennedy half-dollar piece, which was being distributed in abundant quantities earlier this year, has completely disappeared from circulation, officials said.

Penny shortages, eased in the past few days through "cash-in" exchanges, are expected to return as Christmas shopping reaches its maximum tempo beweek. Joining little Dana in public spirited move were sister Denise Baker, 21/2, and Daniel Corlet, 4. Coin shortage comes as season's biggest retail buying spree hits its peak.

ment for purchases.

currency that in recent weeks has developed into a national with the shortage envisioned re- Los Angeles, have been most Engineering Scholarships problem - particularly at re- tail merchants adjusting prices acutely affected by the shorttail buying's rush season — was to minimize silver currency ex- age, according to news stories being felt in the China Lake change. Local officials shunned in recent days. As in the case scholarships are being offered Each scholarship recipient will

> Most local outlets are meeting the problem by making two Despite the gravity of the sit-

Supplies Diminishing

one means of countering the Explaining that her supplies For the first time in their are normally provided by the young lives, kids . . . and their Plea for Coin Exchange
Mrs. Opal Goode, manager of Goode noted that even this roles of significant importance.

Soft Landing . . . or otherwise be recommended by his high school principal.

OPTICAL SCANNER, in circle, is shown mounted on the

NOTS' experimental Soft-Landing Vehicle (SLV) which was

Dr. William S. McEwan, a In WWII he served with the

ly throughout the state.

Post for Veterans of WWI

Pioneer NOTS employee Stan S. Mutchler of Code 45 has been named National Deputy Chief of Staff of the Veterans of World War I, National Commander Melvin D. Eddy announced this week.

Mutchler will serve on the National Headquarters staff for the State of California, holding responsibility for membership, coordination of visits and organ ization of Barracks. Mutchler is a "veteran veter-

an." He holds life memberships in the Veterans of Foreign Wars and the Disabled American Veterans, and has been in veteran work for 44 years.

He joined the WWI organization in 1957, and has since been Barracks commander for Desert Empire Barracks 1115, and past district commander for District 4. He organized the Bishop-Big Pine Barracks 3312 and the Lone Pine - Independence Barracks 415.

During WWI Mutchler served on five offensive fronts in France. He enlisted in the Army Dr. McEwan to Serve of Occupation at the age of 18 in his native state, New Jersey.

gineer with Code 4554.

year pin three years ago, re- ber of the committee of selecsides at 701-B Bowen, with his tion for the state of Nebraska. wife, Lucille. In his new office, The meeting of the commithe expects to travel extensive tee will be held on Dec. 16 in



STAN MUTCHLER

Rhodes Second Year

SeaBees in the 20th Special Bat- Rhodes Scholar and Head of the Chemistry Division of the Re-He joined NOTS in April, 1945, search Department of NOTS, has and is a senior mechanical en- recently accepted an invitation by the Rhodes Trustees to serve, Mutchler, who received his 20- for the second year, as a mem-

Omaha, Neb.

Offer Over \$20,000 In

Over \$20,000 in engineering filed is Dec. 13. this prospect, however, noting locally, retail merchants have high school students by the Na- receive an award of \$750 per

The local Desert Empire five-year curriculum chase price" currency in payety of Professional Engineers is lowing qualifications: or three trips to the bank daily vation, Mrs. Goode's request for now accepting applications for 1. Be a graduate from high

with hearty approval and reable at high schools. The last ter starts.

line of sight. The sight line rate, Driver opment. elaborated, is proportional to the 4. Be a citizen of the United ratio of descent velocity to the States or plan to become a nat-

distance from the terrain. 'Zero' Simultaneously .The optically derived inform

to control signals which contin that at touchdown, both the vehicle's velocity and heighth be- New operating hours for the

Ranger VII Landing

The Washington State Univer- Christmas season. that the National Aeronautics effect until Dec. 24. and Space Administration's Ran- If members are contemplatger VII, which recently took ing purchasing Christmas items made a hard one.

designed, developed, and tested here. The SLV is concept of a craft that may some day land man or instruments on moon. to the lunar surface undamaged. regulations.

Nearly all Station retail out that the coin scarcity has not established programs directed tional Society of Professional En-\$600 per academic year for a

Chapter of the California Soci- Applicants must meet the fol-

"piggy bank" coins was met seven engineering scholarships. school with accredited courses Application forms are avail- before the next college semes-

> day that applications may be 2. Rank in the upper onefourth of the graduating class

(Continued from Page 1) 3. Plan to enroll in and conmoves across the reticle. Output tinue the study of engineering of a photocell circuit behind the at a college or university havreticle is at a frequency propor- ing an engineering curriculum tional to the angular rate of the accredited by the Engineer's Council for professional devel-

uralized citizen .

come zero simultaneously, Driv- Credit Union went into effect this week for the convenience of members throughout the

has been developing electro-op- from 9:30 a.m. to 5:15 p.m. Montical devices for weapons guid- day through Friday, and from ance and detection systems for 10 a.m. to 2 p.m. on Saturdays. the past 10 years, pointed out | The new hours will remain in

tion is electronically converted Credit Union Lists uously adjust the retro thrust so Yule Season Hours

sity engineering graduate, who Hours of business are now

photographs of the moon, did on credit, manager Ken Martin not attempt a soft landing, but urges members to use their Credit Union. When man goes to the moon, Loan officers will be able to

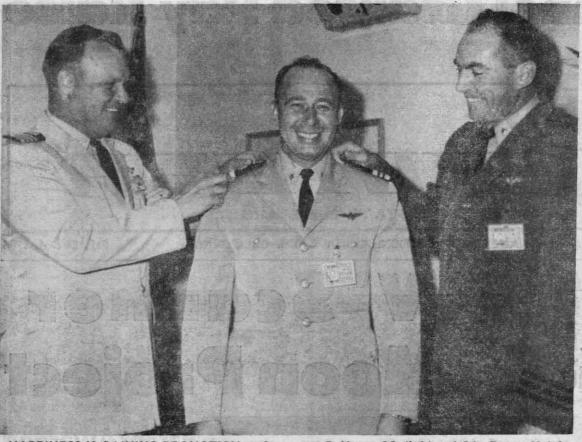
an adaptation of the NOTS-de- approve most loan applications veloped scanner control system and complete loans on the first may be instrumental in lower- visit to the office, subject to Buing him and his return rocket reau of Federal Credit Union

John Sandy To Present Paper To NATO Group

A joint presentation, the sec-

Sandy has been with NOTS and MK 46-1 torpedoes.

JOHN M. SANDY



HAPPINESS IS GAINING PROMOTION to the rank of Lieutenant Commander as did NAFbased Lt. Frances V. Pesenti last week. Aiding him with new shoulder boards is Capt. Robert R. Yount CO, (left) and Cdr. Danny Knight, XO. Newly promoted officer serves as Material Officer for Maintenance Department at the Naval Air Facility.

United Fund Drive 'Truly Magnificent'

(United Fund Drive co-chairmen L. S. Licwinko and Chaplain Robert W. Odell announced this week that \$19,229 had been collected in the China Lake campaign.)

As your chairmen in this year's United Fund campaign, cessful outcome. we wish to extend our deep ap-Lake who helped make this program so successful.

In achieving the financial goal tinguishes China Lake well beassigned to the community, you youd the areas of our assigned - the NOTS family - have military mission. once again demonstrated the On behalf of the agencies

fund-raising program, we met ahead. jointly with departmental-divisional leaders and campaign coordinators in strategy sessions We tried to emphasize throughout this year's drive for United Fund support, that "Participa- Show 'Rasho-Man', tion" was the only key to its suc

to clerks - has been truly magnificent. Indeed, you have PAR-TICIPATED to a degree that dis-

sense of individual and collec- participating in United Fund tive responsibility that has best and the countless thousands who characterized our history of benefit from your contributions, growth and progress in the past please accept our WELL DONE and good wishes for a most At the outset of this year's cheerful, blessed holiday season

> L. S. LICWINKO Chaplain ROBERT W. ODELL

Film Society To Festival Winner

The fourth film of the 1964-65 China Lake Film Society Season, Rasho-Man, will be shown in the Community Center at 8 p.m. on Monday and Tuesday, Dec. 7 and 8.

The Venice Film Festival Grand Prize-Winning film is directed by Japan's most distinguished director Akiro Kurosa-

Full season tickets at \$5.00 and half season passes at \$3.00 will be available at the door on both evenings. Military personnel may take advantage of slightly lower rates.

Offer First Aid Course

A series of two-hour courses in First Aid will be offered to members of CAP Squadron 84 and other interested persons beginning at 7 p.m. Wednesday, Dec. 9, at CAP Headquarters,

Conduct Cancer Clinic At Station Hospital Another significant "medical first" was established this week

by the Station Hospital with tis announcement that a cancer clinic open to wives and adult female dependents of military per sonnel - is to be conducted on a continuing basis at China

Fashion Show Captain C. J. Honsik (MC). Medical Officer, said the clinic At WACOM would be conducted on Mondays Meet Tuesday at 12:30 p.m.

Noting that a routine examination takes about five minutes, he said medical science has achieved a major "breakthrough" in early cancer detec. Jer Marai lingerie fashion show tion and eradication of cancer next Tuesday, Dec. 8, at the of the cervix in its early stages.

The local hospital staff is conducting a series of educational of the Women's Auxiliary of the programs in conjunction with Commissioned Officers' Mess. the clinic. Lieutenant Commander John M. O'Lane (MC), Direc-from noon to 1 p.m., luncheon tor of Professional Services for will be served in the Mojave the hospital, has scheduled a series of talks before officer and enlisted wives groups.

couraged to bring guests. Res-Transferred here from duties ervations must be made by callwith the staff at the San Diego ing the Commissioned Officers' Naval Hospital, Dr. O'Lane had Mess by noon Dec. 7. Anyone inbeen associated with similar pro- terested in joining WACOM may do so that day.

Halt Cutting of Yule Trees in Range Areas

NOTS NOTICE 11015

DEC. 1, 1964

Commissioned Officers' Mess.

The show is being presented

Following a cocktail hour

WACOM members are en-

From: Commander, U. S. Naval Ordnance Test Station.

To: Departments, Divisions, Branches, and Military Commands China Lake) Subj: Conservation of timberstands within Station boun-

- 1. Purpose To reiterate Station policy regarding cutting of Christmas trees in range areas
- 2. Background. The U.S. Naval Ordnance Test Station in consonance with Department of the Navy policy has an active program for the management and conservation of renewable natural resources. The term "natural resources" includes, in addition to wild life, timberstands and water sources. In past years, it has been observed that individuals and groups on this Station have cut and removed pine trees from the range areas for use as Christmas trees.
- 3. Information. As a conservation measure, the cutting of trees in range areas has been discontinued, except on special permission from the Commander. The cooperation of all Station personnel is requested this Holiday Season in maintaining and preserving the Station's natural resources.
- 4. Cancellation. 31 December 1964.

L. GRABOWSKY By direction



THREE CODE 40 men received 20-year Federal Service pins in ceremonies here Wednesday. They are (f-r) William D. Cadle of Guided Missile Div.; Harold F. Metcalf, Associate Dept. Head, Robert L. Barkley, Air-to-Surface Weapons Div.



NOTS INVITATIONAL FLOAT in the annual Bakersfield Christmas parade last Tuesday evening depicted parade theme "Christmas Dreams" with Santa's reindeer dreaming they were riding in a rocket-propelled sleigh. Float was designed by the Technical Information

Department and built by Public Works under direction of Ray Sinnott of Presentations Div. Putting finishing touches on float are: Charles Harris, Troy Empert, Paul Walker, Phil Hosner and Ken Jones.

Burros in Santa Maria For CIF Go

ROCKETEER



AIM FOR CIF CHAMPIONSHIP — These are the Burroughs High "Burros," champions of the Golden League, who go into the second round of CIF playoffs tonight at Santa Maria. They are (from left): First row: Bill Shaffer, manager; Steve Rehder, David Bens, Len Huckeba, Ed Kraus, Steve Metcalf, Mike Kinne, Mark Metcalf, Bill Turner, Ron Zills, Leon Robinson. Second row: Herb Pinto, Roger Martin, Bob Ivancovich, Tom

Allan, Terry Hogue, Craig Smith, Gary Whitnack, Charles Stull, John Roseth, Gordon Johnson, Ed Carson, Dennis Bacoch, Mike Leonard, manager. Third row: Ed Piercefield, Bill Carlson, Dene Smith, Jim Hammond, Jim Ayers, Steve Troy, John Manger, Jim Patras, David Luzinas, Mike Knowles, Phil Pifer, Steve Oldfield, Buddy Phillips, Richard Phillips, Bob Clark, manager. Game will start at 8 p.m. tonight.

Burro Bees Win First Title in 13 Years



GOLDEN LEAGUE "B" CHAMPIONS - This is the squad that made history by defeating Palmdale, 18-0, to capture the Class B Golden League championship, the first B league title in 13

years. The last was in 1951 when Burroughs was in the Desert-Inyo League. The Bees had a 7-1-1 season record. They

	W.
Propulsion Dev	4
VX-5	3
NAF	3
Aero Science	2
NOTS	0



Cage Standings Prop Dev and VX - 5 **Battle for Cage Lead**

Propulsion Development Dept. took over first place last Tuesday in the Intramural Basketball League when it defeated Aero Science, 55 to 53. Prop Dev's season record stood at four victories

team drew a bye Tuesday. The when the two teams battled it

BOWLING NEWS

By Dick Zinke

Premier 865 Scratch

dividual game of 225 and Burt season record. Kaucher took the series, bowl- As of Tuesday, Aero Science

Monday Women's Scratch all its five games.

The Hopefuls rolled a 653 High - scorers in Tuesday's December calendar with style. (4-10) and Nana Carroll (6-7-10), able job on the rebounds.

The league-leader had been had a chance to take the lead Air Development Squadron team tied with VX-5, but the latter away from Prop. Dev last night

With that victory, VX-5 would have a 4-win, 1-loss record, and Prop Dev would have four wins and two losses. However, Prop Dev could set VX-5 down and be king of the heap with a fivewin, one-loss total. VX-5 would then have a three-victory, two-Last week's high team honors defeat season score.

out at the Station gym.

were won by the Station Res- Should the squadron cagers taurant, bowling games of 855, be defeated, it would put them 917 and 942 for a grand 2714 in a tie for second place with series, however the CPO team NAF which beat NOTS last Tuescaptured high game with a 945. day, 86 to 62. NAF, which Don Mumford rolled a high in- drew a bye last night, has a 3-2

ing a 221, 192 and a 178 for a had a two-win, three-loss total and NOTS has been defeated in

high game for the night and the Prop Dev-Aero Science game Tigerettes put together three were Bill Ball and Doug Kingames to take the series with a ney, each with 15 points, and score of 1,862. Mary Jane Clark Bob Berry with 10. Kinsella (23), was high in the individual de- Bradley (22) and Kelly (16) were partment bowling a nice 212 top men for NAF, and Bronisgame and Margy Zinke had a lawski (2) and Wilson (14) Ied DECEMBER DARLIN' - Love- 554 series. The gals converting the NOTS point makers. Pete ly Shelley Fabares carries the the big splits were Vi Utterback Turner of NAF did a commend-



JIM AYERS



STEVE METCALF

Golden League Champs Are Up For Big Game

Football fever is at an all time high in Indian Wells Valley as the Burroughs High School varsity team meets Santa Maria High School at Santa Maria tonight at 8 in the second round of CIF playoffs.

The fever began its climb when the Burroughs Bees defeated Palmdale, 18-0, to clinchthe Class B Golden League championship, their first B league title in 13 years. The last was in 1951 when the lightweights were in the Desert-Invo League

The Burros varsity's 26-21 win over St. Bernard here last Friday in the first round of CIF playoff pushed the mercury further up the scale.

A 30-7 win by Burroughs over the Palmdale Golden Falcons netted them the Class A Golden League championship, and paved the way for their entry into CIF playoff with St. Bernard.

This was the first Golden League championship for the Burros since joining the league

Win or lose tonight at Santa Maria, the Burros and the Bees will have written football history by winning championships in their respective divisions in the same season and imbued fans with an enthusiasm not seen here for a long time.

Burros Squad Coach Reuben Tysell takes a well-balanced offense into tonight's game built around quarterback Jim Ayers, who can run and pass, and a durable half-back in Ron Zills, who chalked up 109 yards in eight carries against St. Bernard.

In addition, he has a plunging fullback in Steve Metcalf, who racked up 102 yards in 17 carries in the St. Bernard fray. Three of the carries were for TDs of 20, 17, and 8 yards.

As receivers, Tysell has ends Gordon Johnson, who can go up after the ball in addition to eluding the defense, and Al Copeland, who hauled in a 31-yard pass and slipped behind the defensive backs for another 10 vards in last Friday's game.

Halfback Mike Kinne has been standout on defense for the Burros and has garnered his share of interceptions.

For the front line, Tysell has four guards he can call on. John Roseth, 205 pounds; Ed Carson, 192; Dene Smith, 180, and Jim Hammond, 175.

In the tackle slots he has six men, three of whom top 200: Terry Hogue, 204: Tom Allan, 235, and Ivan Ivancovich, 222; the others are Gary Whitnack and Craig Smith, both at an even 200, and Herb Pinto, 185.

The centers weigh in as follows: Ed Kraus, 180; Steve Oldfield, 175, and Dave Bens, 182.



GORDON JOHNSON