



MERMAIDS of the forthcoming Neptune Ball present a pulchritudinous preview in their best stagerside manner. Left to right are Doris Valitchka, Gwen Luttel, Penny Kistler, Therese Valentine and Alene Morgan. But wait'll you see the Sea Hags!

Mermaids and 'Sea Hags' Rehearse For Neptune Ball

(Continued from Page 1) due to limited facilities, reservations will be necessary. Phone the Child Care Center at 723723. Charges will be a flat rate of \$2.50 for the first child and \$1.50 for each additional child. This includes food and other services, i. e., diapers.

College To Stage 'Death of a Salesman'

Arthur Miller's modern classic, "Death of a Salesman," will be the major spring production of the Desert Division of Bakersfield College.

The play, which will go into rehearsal in two weeks, will be performed twice in April on the Burroughs campus of the college.

Tryouts for all but the central part of Willy Loman will be held in the Multi-Use Room at Burroughs Feb. 6 and 7 beginning at 8 p.m.

Those interested in non-acting participation may contact the college at FR 5-2348.



CLIMBING ON THE MEMBERSHIP bandwagon of the Maturango Museum (l-r) are curator Sylvia Winslow, director Rhea Blenman, board members LaV McLean and Alice Hirsch. Children are Grantly, Godfrey and Stuart Westmorland, Kathleen Mack. Museum preserves the past of Indian Wells Valley for both junior and senior members.

SHOWBOAT

FRIDAY JAN. 31
"UNDER THE YUM YUM TREE" (110 Min.)
Jack Lemmon, Carol Lynley, Edie Adams
7 p.m.

(Comedy in Color) Wealthy landlord wife only rents his apartments to cuties, for obvious reasons, until he meets his match with a beautiful college student who already has a husband in mind. A sexy, spicy howl! (Adult).

SHORT: "Destination Magoo" (7 Min.)

SATURDAY FEB. 1
— MATINEE —
"THE THREE STOOGES IN ORBIT" (87 Min.)
1 p.m.

SHORT: "Willie the Kid" (7 Min.)
"Capt. Video No. 2" (16 Min.)

— EVENING —
"BON VOYAGE" (132 Min.)
7 p.m.

(Comedy in Color) Mom and Dad finally take that trip abroad only to have their teenagers fired with romances, Junior over-bubbling with sport activity and finally continental canons start giving Mom the eye! A Disney funfest for all. (Adults and Young People).

SUNDAY-MONDAY FEB. 2-3
"IRMA LA DOUCE" (146 Min.)
Jack Lemmon, Shirley MacLaine
7 p.m.

(No synopsis available)

TUESDAY FEB. 4
RISE STEVENS CONCERT
8:15 p.m.

WEDNESDAY FEB. 5
"STRAIT JACKET" (89 Min.)
Joan Crawford, Leif Erickson
6 and 8:15 p.m.

(Horror Warning) This is a chilling, gory account of an axe murderer released from a mental hospital to rejoin her daughter. Then the axe falls, again and again. (Adult).

SHORT: "Crook Who Cried Wolf" (7 Min.)
"Condit Mike 3-5" (10 Min.)

THURSDAY-FRIDAY FEB. 6-7
"THE LEOPARD" (162 Min.)
Burt Lancaster, Claudia Cardinale
7 p.m.

(Drama in Color) This Cannes International Film Festival winner depicts the fading era of aristocracy in Italy and centers upon a proud family's acceptance of changing times. Lavish drama (Adults and Young People).

'World Around Us' Features Polynesia

The second in "The World Around Us" series will be shown at the Station Theatre on Wednesday, Feb. 12. The film entitled "Polynesian Paradise" deals with the spell and legendary romance of the South Pacific.

Among the sequences to be shown will be Gaugin's Tahiti... natives netting fish, building a home, creating a canoe from a single log, the Tahitian hula, and Bastille Day at Papeete; Samoa, with its sensational knife dance, Fiji... where less than a hundred years ago there were cannibals.

Arthur Dewey conducts this presentation, sponsored by the China Lake Community Council.

Taking up photography in 1937 as a means of relaxation from business responsibilities, Dewey has since come to rank as one of the top professionals in the field of travel and adventure.

He and his wife have also made film-producing tours to the Mau-Mau country in Africa, the fiords of Scandinavia and the mountains of Mexico.

Tickets to the Feb. 12 show may be obtained at the Community Center or from any Community Council Director. Single admissions may be obtained at the theatre door, if seats are available, at \$1.25 for adults, 75 cents for students.

CROSSWORD PUZZLE

Answer to Previous Puzzle

ACROSS

- 1-Choice
- 5-Toll
- 8-Toward the mouth
- 12-Uselessly
- 15-Pieces
- 16-Wash lightly
- 17-Mature
- 18-Note of scale
- 19-Solitary
- 20-Conjunction
- 22-Man's nickname
- 23-Blemish
- 25-Serbian coin
- 27-Mud
- 28-Sailor (colloq.)
- 29-Falseness
- 31-At this place
- 32-Catch
- 33-Decree
- 34-Dutch town
- 35-Lamprey
- 36-Climbing plant
- 37-Strike out
- 38-Containers
- 40-River in Italy
- 45-Pronoun
- 43-Climbing plant
- 44-Man's nickname
- 46-Collection of facts
- 48-Bogged down in mud
- 50-Nahoor sheep
- 51-Deliberation
- 54-Poker stake
- 56-Paid notices
- 56-Girl's name

DOWN

- 1-Piece of sculpture
- 2-Pessimist
- 3-Vessel's curved planking
- 4-Symbol for tellurium
- 5-Stratagem
- 6-Slave
- 7-Worm
- 8-Conjunction
- 9-Inlet

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From _____ PLACE STAMP HERE

TO _____

Rise Stevens Stars in Tuesday Concert

Jackie Cooper and Joe Flynn To Be Neptune Ball Guests

BY MARY WICKENDEN
"Carmen" comes to China Lake Tuesday evening when Rise Stevens, world famous star of the Metropolitan Opera, sings in the Station Theatre.

She appears as the third artist in the NOTS Civic Con-



RISE STEVENS

cert Association series for 1963-64. All tickets for the concert series have been sold out since September. Curtain time is 8:15 p.m.

Chance For Some Tickets

Lou Bagge, ticket manager for the Association, reports that a few tickets were turned in by patrons who were ill or out of town for the first two concerts of the season.

"Perhaps 15 tickets for the Rathbone concert were available and some 25 for the Hinton Mills concert," he reports.

"There isn't much we can do in advance of the Stevens concert, but anyone willing to come down to the box office about 8 p.m. Tuesday might find something available," he said.

"Bagge may be reached at Ext. 724231 for further ticket information.

Rise Stevens is the only star ever to sing roles ranging from soprano ("Der Rosenkavalier" and "Tales of Hoffman") through mezzo-soprano ("Carmen" and "Mignon") to con-

(Continued on Page 8)



Vol. XIX, No. 4 Naval Ordnance Test Station, China Lake, California Fri., Jan. 31, 1964

VX-5 Change Cdr. Manherz To Relieve Cdr. O'Connor

Cdr. Harry N. O'Connor, USN, will be relieved as commanding officer of Air Development Squadron Five by Cdr. Jack M. Manherz, USN, in ceremonies at Hangar One at 10 a.m. Monday, Feb. 3.

Cdr. O'Connor, VX-5 CO since Jan. 18, 1963, will receive orders to report to duty with the Air Strike Warfare Division, Office of Chief of Naval Operations. Cdr. Manherz reports from CNO where he was head of the Attack Aircraft Requirements Section, Aviation Plans Division, since Sept., 1961.

Attending the colorful ceremonies will be Radm. H. G. Bowen, Commander, Operational Test and Evaluation Force, and other officers of his command. Also expected are Capt. Jack W. Hough, CO, NAF; Capt. Leon Grabowsky, NOTS Executive Officer; Capt. Francis X. Timmes, Technical Officer, and Capt. Floyd E. Reck, Plans and Operations Officer.

Uniform for participants will be full dress blue bravo; for guests, service dress blue bravo or appropriate civilian attire.

Social Security Man

A Social Security representative will be at the Community Center next Wednesday, Feb. 5, from 8:30 to 11:30 a.m.



JACKIE COOPER — in reel life a Lieutenant in the "Hennesey" TV show, but in real life a Lieutenant Commander in the Navy — will be guest of honor at the Neptune Ball on Friday, Feb. 7.

'Hennesey' and 'McHale's Navy' Stars Invited

Actors Jackie Cooper, star of TV's "Hennesey" show, and Joe Flynn, the ill-tempered Capt. Binghampton of "McHale's Navy" television comedy will be guests of honor at the Neptune Ball next Friday and Saturday, Feb. 7 and 8, at the Community Center!

Cooper will be at the Friday night show, and Flynn will be here for the Saturday performance. Mrs. Charles Blenman Jr., general chairman of the second annual IWV event, announced this week.

Besides the famous television personalities, there'll be lots of local talent, too. Producer Capt. Floyd F. Reck and Director Bill Valenteen are now conducting rehearsals. There'll be original lyrics and hilarious repartee to amuse anyone interested in community gossip, plus a wild number performed by a group of anonymous "sea hags."

Offsetting the latter will be a bevy of beautiful mermaids, definitely not anonymous: Gwen Luttel, Penny Kistler, Alene Morgan, Therese Valentine and Doris Valitchka.

ComNavAirPac Band
The popular dance band from ComNavAirPac, San Diego, will provide the dance music, arrangements chairman Mickey Freedman reports.

What with only 400 tickets available for each night's performance — and they are sold on a first-come-first-served basis — you'd better get yours now.

Contact Ticket Chairman Maura McCreery at NOTS Ext. 723603; Mrs. Laurence Ellefson at Ext. 725361; Mrs. William Puckett at FR 5-4732, or Mrs. Robert Hamblin at FR 5-2029. Tickets are also on sale at the Community Center, and in (Continued on Page 8)

536 EM To Take Advancement Tests

Three hundred and twelve enlisted men from the Naval Air Facility, 120 from Air Development Squadron Five, and 104 from NOTS Enlisted Personnel

will be given at the Community Center Feb. 4, 6, 11 and 13.

Personnel taking the exams have already met the qualifying standards for advancement but must now pass the written examination.

Those aspiring to advance to the next pay grade have already been burning the mid-night oil, division officers report, and will continue until the last exam is completed.

Some are resorting to training books while others are referring to equipment manuals to refresh their memories. Whatever the technique, it will require heavy concentration to beat the three hour limit set for completion of the exams.

CPO Tests Feb. 4
Exams for Chief Petty Offi-

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Federal Joint Crusade Launched



OPEN FSJC DRIVE—First donations to Federal Joint Charities Campaign are made by Capt. Leon Grabowsky and Capt. Charles Blenman Jr. to Jim Greenfield, Campaign Chairman.

The annual Federal Service Joint Crusade and National Health Agencies Fund Drive was launched here this week as Station Commander Capt. Charles Blenman Jr. and Executive Officer Capt. Leon Grabowsky made their donations to Jim Greenfield, Campaign Chairman.

The FSJC-NHA campaign is one of three authorized on-the-job fund solicitations approved by Presidential directive for all Federal establishments.

Month of February
The drive will be conducted throughout the month of February, according to Chairman Greenfield. Nineteen "keymen," who have been selected as department representatives, have already been briefed on collection procedures, Greenfield noted.

Capt. Blenman urged 100 per cent participation. "All we ask," he pointed out, "is that everyone does what he conscientiously can. Then I think we can (Continued on Page 4)

CHAPLAIN'S MESSAGE

Worry... and Security

By CHAPLAIN MARK E. FITE



We often are worried or anxious about many things, and the usual connotation that is given with this is something less than good.

The Psalmist said, "Trust in the Lord and do good; so shalt thou dwell in the Lord, and verily thou shalt be fed."

There is ample Spiritual security in God's promises—but also social security. Paul must have had this in mind when he also said: "My God will supply every need of yours according to His riches in glory in Christ Jesus."

Is our confidence in God, or in a pension plan which we have undertaken? Or in a company where we work? Or a certain political system? Rightly understood and properly used, the Christian faith is the greatest security a person can have.

We put our trust in many things meant mainly to establish our future by our own strength and ingenuity. If these are lost, then faith is likely to be lost.

File application for above with Dora Childers, Bldg. 34, Room 32, Phone 71393 or 72022.

General Supply Assistant, GS-2001-6, PD 225008AM, Code 253 - Vacancy is located in the Technical Division.

Clerk-Typist, GS-4, PD 240085, Code 4034 - Provides secretarial services to the Head of the Weapons Analysis Branch.

File applications for above with Pat Detling, Bldg. 34, Room 28, Phone 72676. Deadline for filing is Feb. 7.

PROMOTIONAL OPPORTUNITIES

Present Station employees are encouraged to apply for the positions listed below. Applications should be accompanied by an up-to-date Form 58.

Clerk-Typist, GS-3, Code 1751 - This is a trainee position leading to full time duties as a Fiscal Accounting Clerk.

Teller, GS-4, Code 1751 - Incumbent makes cash disbursements, audits vouchers, prepares the various Schedules of Voucher deductions such as FICA, retirement fund, etc.

Auditor, GS-9 or 11 (one vacancy), Code 177 - Incumbent performs and assists in the conduct of diversified internal reviews of the financial and operating activities of the Station, its Pasadena Annex and Son Clemente Island.

Accounts Maintenance Clerk, GS-3 or 4 (one vacancy), Code 1761 - Incumbent of this position performs tasks concerned with the maintenance of official accounts for the allotment, obligation, and expenditure of appropriated funds.

File applications for above with Janet Thomas, Bldg. 34, Room 28, Phone 72723.

Inspector (Electronic Equipment), Code 5516 - Inspects and tests ordnance electronic parts, subassemblies components and final assemblies.

File application for above with Dora Childers, Bldg. 34, Room 32, Phone 71393 or 72022.

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GEBA Assessment No. 77 Is Now Due

Due to the death of Jacob N. Marker, 59, an Engineering Department machinist, members of the Government Employees Benefit Assoc. and the China Lake Mutual Aid Society are notified that assessment 77 is now due.

A NOTS employee since 1953, Mr. Marker died Jan. 23 following a heart attack at his home in Ridgecrest.

Assessment may be mailed to Joseph M. Becker, secretary-treasurer, 77-B Renshaw.

'DESERT PHILOSOPHER' Double-Check, Triple-Check!

By "POP" LOFINCK



Some time ago I wrote a column about how lost mines got lost. The finder didn't know where he was when he found it, so he goes back up the wrong canyon.

Look at a mountain range with the morning sun—the same area looks like a different range in the afternoon or under an overcast sky.

At the time it all seems so easy—you think it's a waste of time for a double-check to make sure of the locale. I've been fooled so many times. I've learned to make a triple-check! And log the time of day—atmospheric conditions—and time of year—sun location, etc.

LOGIC AMONG THE LEGENDS

Now, my old friend Martin Engels—a long-time experienced prospector—and expert assayer at Cantil, Calif., puts forward a very logical reason for legends of lost "bonanzas"—in an article in the February issue of the True West Magazine.

Says he—Outcroppings of ore are common. Even today you might find a little bunch of pretty rich ore. You dig for a few minutes or an hour. Maybe you drill a hole and put in a shot. You might get a handful, a bucketful—even a sackful of good ore before the vein peters out and goes into low grade.

But suppose you don't have time to dig that day. You have to hurry back to your job—or to keep an important appointment in town. You think you've got landmarks fixed in your mind so you can come back to it. But when you go back—some time later—you can't find the place.

As time goes on that little bunch of very rich ore you found develops in your imagination to be a potential bonanza. Others pick up your story and embellish it until it becomes a "fabulous rich ore vein."

If you had found your way back to it, then it would not have been a "lost mine"; it would have been a small pocket of rich ore which you worked out.

In my opinion many of these lost mine legends were like that.

MAYBE IT WASN'T MUCH ANYHOW

So here is my consolation punch line for you folks who can't find your way back to your rich discovery—maybe it wasn't much anyhow—just very low grade ore down a few feet. It takes a lot of experience to teach the average person to be an accurate, careful observer about locating some point he wants to come back to.

Or better yet—dig out the outcroppings while you're there and then you don't have a lost deposit to worry about.

Help Scouts Go to Big Jamboree

Here's how you can help send a China Lake Boy Scout to the National Jamboree at Gettysburg, Penn., this year — and save yourself an armload of sore muscles.

Troop 3 will open an all-day car wash tomorrow at the Mobil service station just outside the main gate, proceeds of which will be turned into a travel fund for youths making the trip this July.

Claude Wood and Roy Williams, co-chairmen of the fund-raising program, promised "you'll be driving the cleanest car at China Lake" to prospective customers.

Joe Doucette, committee chairman, said a series of programs will be conducted in efforts to raise money for the Jamboree encampment for China Lake scouts.



IN RECOGNITION of Angel support to NOTS' Little League programs, a Sidewinder model is presented by Capt. Jack W. Hough to Irv Kaze, Angel public relations director, while visiting team members watch the ceremony here.

BILL VALENTEEN (center), Rocketeer sports columnist, interviews shortstop Jim Fregosi (left) and second baseman Billy Moran. —Photos by Ralph Robey and Lee Mascarello

'Angels' Fly In, Tell Hopes for Season

By BILL VALENTEEN

Five members of the Los Angeles Angels American League baseball team touched down at the Naval Air Facility Wednesday.

Reception at Elks Club The visiting Angels are completing a tour of 27 cities that ends up Friday night at a dinner in their honor at the Disneyland hotel in Anaheim.

On hand for the occasion were Jim Fregosi, shortstop; Billy Moran, second base; Bob Rodgers, catcher; and a pair of pitchers, Barry Latman and Dan Osinski.

Bob Rodgers, one of the catchers for the Angel club, became a father for the second time on November 24 of last year.

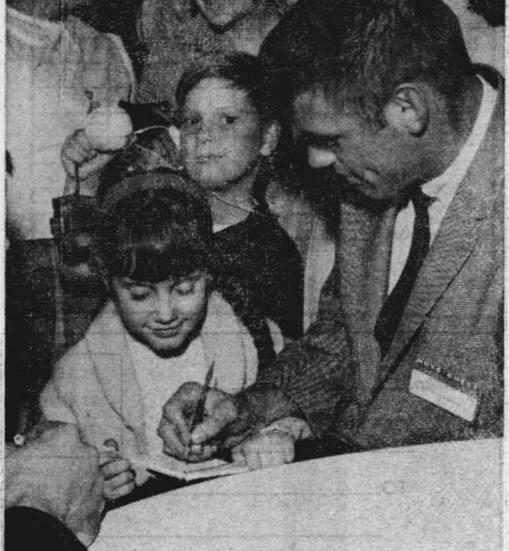
Strength and Balance Latman gives the Angels added strength on the mound, while Adcock gives the club a more balanced attack as he swings from the right side.

When queried about the 1964 season, Jim expressed real concern about the team's chances. "Well," he said, "If we get a few breaks, we should do a lot better than last year. We can't do much worse. Joe Adcock is coming with the club, and he

surprise when our Schoeffel field was pointed out to him. He wanted to go over and take a better look at the diamond.

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CATCHER BOB RODGERS autographs books and baseballs for youngsters.



BILL VALENTEEN (center), Rocketeer sports columnist, interviews shortstop Jim Fregosi (left) and second baseman Billy Moran. —Photos by Ralph Robey and Lee Mascarello

should be able to help us in the "hits" department. Barry Latman, who was traded from Cleveland, should give us a big boost in the pitching department.

Actually the Angels are going to have what amounts to a brand new ball club in the 1964 season. Fans who will watch the Angels train at Palm Springs will almost have to have a scorecard to know who the players are.

Starting March 7th, the Angels will play 30 pre-season games, highlighted by the defense of their "City Championship" on April 11. They open at home on

April 21st, and will play a record 66 night games. Groups totalling over 3,000 persons have already made reservations for games in 1964. Reservations are made on a first come first served basis.

Manager Bill Rigney will have 20 players at the Angels' training base this spring who weren't there last year. Notable among these are the two players in the trade with Cleveland — pitcher Barry Latman and first baseman, Joe Adcock.

Last year, the Angels faced 60 lefthanded starters — better than one-third of the schedule! Manager Rigney feels that he now has more maneuverability on his club. The development of Jim Fregosi as an outstanding player, coupled with the proven ability of Bob Rodgers (injured most of '63), Ken McBride, Dean Chance, Billy Moran, Thomas and Pearson gives the Angels the solid nucleus for the 1964 season.

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JUMP BALL!—Larry Faulk (4) of Aero Science and Jerry Schwarting (9) of VX-5 go up for the ball during Tuesday night's game which VX-5 won by score of 75 to 69. Referee Gary Maxwell keeps his eye on the action. —Photo by Tom Faught, PHAN



ELBERT O. JOLLY, CSC, retiring after more than 22 years of service, receives Fleet Reserve papers from LCdr. L. B. Shults, as he prepares to go ashore. Chief Jolly had been at NOTS since Sept., 1962. He and his wife and child are now residing in Saugus, Calif.

Quote of the Week

"... The knowledge of the affection in which my husband was held by all of you has sustained me, and the warmth of these tributes is something I shall never forget."—Mrs. John F. Kennedy, thanking 800,000 people who sent her messages of sympathy.



The Rocketeer

Official Weekly Publication of the U. S. Naval Ordnance Test Station China Lake, California. Captain Charles Blenman, Jr., USN Station Commander. "J. J." Bibby Public Information Officer. Jack G. Breward Editorial Advisor. Richard Grunenberg Editor. Budd Gott Associate Editor. Frederick L. Richards Special Assignments. DEADLINES: News Stories - Tues., 4:30 p.m. Photographs - Tues., 11:30 a.m.



Christian Science (Chapel Annex) Morning Service—11 a.m. Sunday School—11 a.m. Protestants (All Faith Chapel) Morning Worship—8:30 and 11 a.m. Sunday School—9:30 a.m., Groves and Richmond elementary schools. Roman Catholic (All Faith Chapel) Holy Mass—7, 9:30 a.m., and 5:30 p.m. Sunday. 6 a.m. Monday through Friday, 8:30 a.m. Saturday. Confessions—8 to 8:25 a.m., 6 to 8:30 p.m. Saturday, Thursday before First Friday—4 to 5:30 p.m. NOTS Hebrew Services (East Wing All Faith Chapel) Every first and third Friday, 8:15 p.m. Sabbath School every Saturday morning. Unitarian Fellowship (Parish Hall) Fellowship Meeting—Sundays, 7:30 p.m. Sunday School—9:30 a.m.



INGOLD H. SCHERMERHORN receives 20-year Federal Service pin from Capt. C. A. Reilly, Public Works Officer, on behalf of Southwest Division, Bureau of Yards and Docks. Schermerhorn, of the Contract Division, has been with NOTS for 13 years. Watching ceremony are Lt. R. R. Randall, Division Head, and C. C. Martin, CE.

Credit Union Declares 6 Per Cent Dividend

Mobile X-ray Unit Pays Annual Visit

The Mobile X-ray Unit will pay its annual visit to NOTS Pasadena on February 3, 4, 5, and 6, 1964, according to Pasadena Annex Nurse Virginia Olson.

An X-ray card will be distributed with timecards on Friday, January 31. Supervisors will ask employees to insert full name, place and date of birth, height and weight. Each employee will take this card to the X-ray unit at the time scheduled below.

Cards will be sent to military personnel for completion by them and their dependents who are included in this survey.

Children over 15 years of age are eligible for X-ray.

Employees will report alphabetically according to last name, preferably in conformance with the following schedule:

- Monday, February 3**
A-E 8 a.m. — 12 noon
F-J 1 p.m. — 3:30 p.m.
- Tuesday, February 4**
K-O 8 a.m. — 12 noon
P-T 1 p.m. — 3:30 p.m.
- Wednesday, February 5**
U-Z 8 a.m. — 12 noon
LB and MD Personnel: 1 p.m. — 3:30 p.m.
- Thursday, February 6**
ONR and Board of Examiners (Green St.)
8 a.m. — 12 noon
Stragglers 1 p.m. — 3 p.m.

NOTS Long Beach and S a Clemente Island personnel interested in having a chest X-ray may report with X-ray card in hand to Long Beach Naval Station Dispensary on Monday, Tuesday or Wednesday between the hours of 1:30 p.m. and 3 p.m. No provision can be made for employees on leave or temporary duty elsewhere.

NOTS Pasadena

VIRGINIA E. LIBBY — EXT. 638



JERE C. JACKSON, RM3



MERRELL T. HARRIS, EN3

Two Continue Navy Career

Reenlistment ceremonies were held recently for two military personnel attached to NOTS Pasadena.

Jere C. Jackson, RM3, USN, shipped over for a period of six years on January 16. Jack-

son reported aboard in March, 1962, from the Naval Communications Station, Kodiak, Alaska. He enlisted in the Navy in February, 1955. Jackson is radioman on San Clemente

Merrell T. Harris, EN3, USN, reenlisted for a period of four years on January 17. Harris reported aboard from the USS MATACO (ATF-86) on January 21, 1963. Harris is stationed at the Sea Range Operations Division in Long Beach.

Fund Drive Gains Momentum as Keymen Distribute Brochures, Envelopes This Week

The 1964 NOTS Pasadena fund raising campaign for the Federal Service Joint Crusade and the National Health Agencies launched last Friday is gaining momentum as selected keymen are going full speed ahead, distributing brochures and contribution envelopes to employees.

Local representatives of the two drives attended briefing sessions held here last week for purpose of providing information and showing short films to officials and keymen of the Annex drive.

In behalf of Capt. G. H. Lowe, Officer in Charge, LCDr. W. M. Place relayed the following message, in part, to the session:

"I feel that the agencies represented in this campaign are extremely worthwhile and carry out services which can do so much good in the world today. While our contribution to these organizations is on a purely voluntary basis, I feel we have a

definite responsibility to support such programs which can distribute some of our abundance to those in need and can aid in our programs in health. We should not take this responsibility lightly. I have and know that you have a personal knowledge of the fine work that these agencies have accomplished."

If you have not been contacted, seek out your keyman today.

- P19 — Sue Burg, P191 — John Melillo and Mary Harrison, P193 — Lt. (jg) K. W. Eveland (LB), P194 — Chief Bond and Chief McFadden (SCD), P195 — Chief Galik (LB), P176 — Vera Hickey.
- P2510 — Clint Weaver, P2561 — Wm. J. Smith, P2562 — Octavia Whalen, and Sharon Madson, P2563 — Kirk Dyer, P258 — Betty Crawford, P5006 — Jane Ingham, P551 — Norm Castleberry.
- P659 — Carol Ostrander, P-7113 — Helen Melger, P7122 — Nora Lee, and Clarence Walmsley, P-1221 — Stanley McDonald (MD) P7123 — Dean Richards

Small boy, explaining report card to dad: "No wonder I seem stupid to my teacher; she's a college graduate."

Before long, the equivalent of starting life in a log cabin will be having been born in a hospital that was not air conditioned.

Hoop Schedule

The next scheduled game is Wednesday, February 5, with Lake Avenue Congregational Church. The game will be held at Pasadena City College at 9 p.m. Come join the fun. It may be another last minute thriller.

Coached by Norm McDonald, the team now holds a 4-0 win record.

Third Year In A Row for the Pasadena Annex

For the third consecutive year, the NOTS Pasadena Employees Federal Credit Union has declared a 6 per cent dividend, the highest permitted by law. The announcement was made at the annual meeting on January 21.

Other business of the day included election of the Board of Directors and Credit Committee members. Two vacancies on the Board of Directors were filled by Danny Moore, who replaced Gerald Mostellei, and Barbara Leisge replaced Margery Ross. Jane Ingham, who has been serving as an alternate, will replace Dick Franz on the Credit Committee.

"The analysis of trends shows a healthy, steady growth of total assets, dollar amounts of loans, and amount of member's shares for each quarter," reports the Supervisory Committee. "This indicated that your Credit Union is successful in fulfilling its mission of promoting thrift and creating a convenient source of credit."

The meeting was presided over by President Bill Derby.

Six Seconds To Victory

"Too close for comfort but victory was ours last Monday by defeating Aerolab 51-50 in the last six seconds of the game," reports Don Robinson, manager of the NOTS Pasadena basketball team.

NOTS was trailing by six points at the beginning of the fourth quarter and being at a height disadvantage (at least two inches per player), L a d y Luck was on our side when the clock ran out before Aerolab was able to shoot the two pointer which would have made the difference between defeat and victory.

High point men in the game were Ray Brooks collecting 18 points and Roger Morehead with 11 points. Don McDonald, Don Palmer, John Grove, Del Yarbrough and Don Robinson also turned in star performances.

- P715 — Clarence Engel (SCD).
- P752 — Betty Koers, P754 — Esther Alles, P80 — Peggy Higgins, P802 — Priscilla Secor and Norma DePaulo, P804 — Pat Brumbach, P8042 — Bob Thurman, P8043 — Doug Kuper, P-805 — Ethel Eppard, and John Bascom.
- P807 — Sharon Oates, P8082 — John DeFrist, P8083 — Joan

- Gorz, P80834 — Charles Black (SCD), P8084 — Squire Clemons, P80841 — Charley McJunkin, P80842 — Harold Jensen (LB), P80843 — George Weidman (MD).
- P8087 — Eleanor Page, P8089 — Matilda Pollock, P8092 and P8093 — Mike Slivcov, P8094 — Eugene Fields, P8096 — Art Block.



OFFICIALS of the NOTS Pasadena FSJC-NHA Drive appeal to fellow employees to help the thermometer "bubble over" the 100% goal set for this year's campaign. Doug Shaw, treasurer of the Annex Drive (shown left) points to poster designed by Dick Fred-

erick, Publicity Chairman (shown right), who indicates desired height of thermometer at conclusion of drive. Norm McDonald, Drive Chairman, and Bob Larson, Assistant (l-r, center), urge employees to do their fair share towards a successful drive.

NOTS Super - Tracker Locks on Satellites

To Be Featured At Electronics Show in L.A.

The NOTS satellite tracking station NACODE (Navy Correlation Detection) — a portable, automatic and ultra-sensitive electronic data receiver — will be a featured Navy operational unit at the Fifth Annual Winter Convention on Military Electronics, Los Angeles Ambassador Hotel, Feb. 5-7.

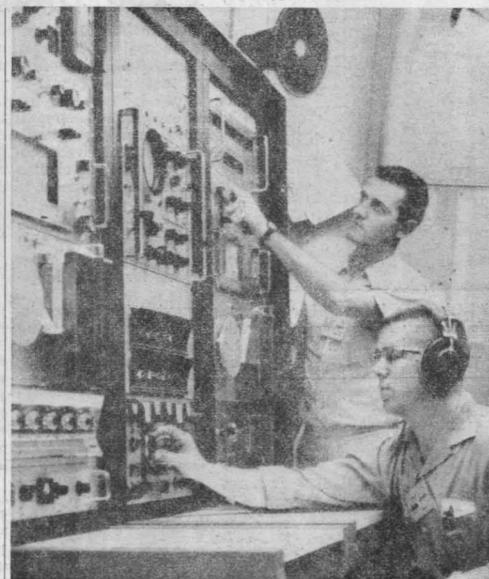
The NACODE system, designed and developed by the Test Department's Instrument Development Division, headed by Fred M. Ashbrook with supervision by branch head H. Norman Ronning, Code 3045, is unique in its ability to aid scientific advancement in the field of geodesy.

Utilizing a new application of the Doppler measurement principle as applied to the tracking of near-Earth satellites, the system is one of the most sensitive and far reaching tracking stations in operation today, according to Leroy D. Marquardt, project engineer of the design and development program.

Best in 100 Years Marquardt told of experiments with NACODE that reveal greater knowledge of the Earth and its environment during a four year period than any observations made in the past 100 years.

Visitors at the electronics convention will witness actual satellite tracking sequences monitored by NOTS employees Richard K. Miller and William R. Maddux, who will demonstrate how each data word is automatically received, punched on teletype tape, and transmitted to a control center for evaluation.

The operators may also follow the data transmission with comments and status reports with emphasis on any information that might indicate mal-



SATELLITE TRACKERS Leroy D. Marquardt (seated), project engineer on NOTS operation NACODE, and Ralph R. Smith, technician, check tracking station to be demonstrated at L. A. electronics show.

functioning of the satellite.

The two-channel instrument is capable of receiving and taping 200 data words during a single pass of a satellite. In this geographic location, on a daily basis, up to six passes can be received from a single satellite. Currently, data is being recorded from four orbiting satellites but the system could handle as many as 10.

The NACODE system can also be used in quick support of a launch operation, its precision measurement capability being adopted for use on Program ANNA (Army, Navy, NASA, and Air Force), a Department of Defense project under the management of the Bureau of Naval Weapons with NASA cooperation.

Ten Systems in World

Johns Hopkins' Applied Physics Laboratory acts as technical adviser on the Doppler measurements and analysis: The Pacific Missile Range and the New Mexico State University also support the NACODE network numbering 10 systems operating throughout the world.

Other NOTS employees attached to the tracking station project in various technical capacities are Ralph R. Smith, technician in-charge of test evaluation; Kenneth Bryant, Claude W. Brown, Arthur R. Craddock, George D. Kimball and Harold B. Kimley.

Also engaged in the project are Vernon J. Logue, Ernest T. Long, John V. Monckton and Paul E. Payne.

Two CL Residents Elected to Serve On United Fund Board

Two China Lake residents, Bettylou Logue and Russell E. Davis, were elected along with four Ridgecrest residents to three-year terms on the board of directors of the IWV United Fund last Thursday.

Ridgecrest residents elected were Dr. David Kraus, George Smith, Paul McKenry, and Catherine White.

Mrs. Logue, a housewife whose husband, Vernon, is a Test Department employee, is actively engaged in local Girl Scout work and the Kern County Recreation program. The Vernons have been residents of China Lake for six years.

Davis, a mechanical engineer with the Weapons Development Dept., is the local Elks Club institutional representative for Explorer Scout Post 3, Boy Scout Troop 3, Cub Scout Pack 3. He also serves on the BSA Kern County Council. He came to China Lake in 1954.

To Elect Officers Feb. 7

New and holdover members of the UF board of directors will meet at 11:30 a.m. on Friday, Feb. 7, at the Station Restaurant to elect a slate of officers to serve throughout 1964.

Establish New Astrometrics Div. (Code 404)

The establishment of Astrometrics Division (Code 404) was announced last week by Frank H. Knemeyer, Head of the Weapons Development Department.

Named to head the new division is Donald K. Moore. Associate Head is Richard V. Boyd.

Branch heads are as follows: Physics (4041) G. S. Wilkins; Electronics (4042) J. P. Lee (acting); Guidance (4043) N. J. Schneider; Control (4044) R. P. Burt (acting); Projects (4045) R. V. Boyd (acting).

The establishment, approved by H. G. Wilson, Associate Technical Director, simultaneously dissolved the Special Projects Branch, Code 4052, and the Servo Development Branch, Code 4057. The personnel from these codes, along with Leo L. Kielman and Lowell A. Paulsen of Code 4053, will now comprise the new Astrometrics Division.

Income Tax Course

An 11-week course in how to prepare federal and state income tax returns begins Monday evening at 7 p.m. in Room 12 of Burroughs Evening High School.



CAPT. E. B. JARMAN, Commanding Officer of Naval Ordnance Laboratory, Corona, Calif., has a cup of coffee and chats with Capt. Charles Blenman Jr., ComNOTS, during break in tour of Station last Monday. Accompanying Jarman were NOL Technical Director Dr. F. S. Atchison; Asso. Tech. Director Dr. H. K. Skramstad; B. F. Huston, Head of Fuze Dept., and J. J. Nasronero, Head of Development Division 2.

536 Men to Take February Tests

(Continued from Page 1) Feb. 11.

Exams will cover the following ratings: ABE, ABF, ABH, AHJ, ADR, AE, AG, AK, AME, AMH, AMS, AO, AQS, ATN, ATR, BM, BT, CS, DS, DT, ET, ETN, FT, GMG, GMM, MM, MR, NT, PH, PN, PR, RD, SK, and YN.

P03 Tests Feb. 13

Exams for Petty Officers, Third Class, pay grade E-4, are scheduled for 7:30 a.m. on Thursday, Feb. 13.

The following ratings are covered in this exam: ABF, ABH, AC, ADJ, ADR, AE, AG, AK, AME, AMH, AMF, AO, AQB, AQF, ATR, AZ, CS, DS, DT, ET, ETN, FT, GMG, GMM, MM, NT, PH, PN, PR, SD, SK, RM, and YN.

ASPA Nominates 2 NOTS Men For Doubenmier Award

Leroy M. Jackson, Head of the Community Relations Office, and Russell W. Bjorklund, Head of Central Staff, have been nominated to receive the John W. Doubenmier Award for excellence in the field of public administration for the year 1963.

They were notified of the nomination by David Baron, president of the Bakersfield chapter of the American Society for Public Administration.

The award will be presented at the chapter's annual installation dinner tomorrow evening at the Maison Jaussaud Restaurant in Bakersfield. The honor is bestowed upon the one person in Kern County who has done the most "to advance the science processes and art of public administration" during the past year.



NEW COMMUNITY COUNCIL PREXY Bob Glen (right) presents retiring president Bill Hattabaugh with gavel plaque. Observing

presentation (l-r) are Mrs. Hattabaugh, State Senator Walter W. Stiern, and Hugo Fisher, member of Gov. Edmund G. Brown's staff. —Valley Independent photo



Defense Proposes Annual Armed Forces Pay Raise In FY65 Budget Confabs

Washington (AFPS)—An annual pay increase for the Armed Forces is the goal of the Department of Defense.

Defense officials announced during Fiscal Year 1965 budget briefings that the Pentagon wants "a pay increase for the military every year to keep military compensation in step with compensation in the private economy and with that of civilian employees of the government."

The annual increase requests would be about the same as this year's requests for a 3 per cent raise for officers and a 2.4 per cent increase for enlisted personnel.

This formula takes into consideration that pay increases bring higher retirement costs and is adjusted to take care of the fact

STATE LEGISLATORS were among distinguished visitors to NOTS last week. Welcomed by Capt. Blenman (right), Capt. Grubowsky (left) and Ray Harrison, Personnel

Dept. Head (second left), were Hugo Fisher of Governor Brown's cabinet; Assemblyman John Williamson, Senator Walter Stiern and Assemblyman Jack T. Casey.

UCLA Spring Courses Listed

The UCLA Extension announces the following Education courses for the Spring Semester:

Educ. X 326.1B, New Approaches to Arithmetic in Elementary Schools, (2 units) \$30. Instructor: Grant Pinney. Begins Jan. 31, and meets every Friday evening, 7-10 p.m. and Saturday mornings, 9 a.m.-12 noon, in Room 41, Murray School.

A continuation of 326.1A which has recently concluded. Current methods used in teaching arithmetic at specific grade levels in the elementary schools are examined.

Educ. X 339.1 Evaluation of Audio Visual Materials (2 units), \$33. Instructor: R. T. Carlisle. Begins Feb. 3 and meets every other Monday, 7-10 p.m. in Room 1000, Michelson Lab.

This course is being offered at China Lake for the first time. It is more advanced than 139A. Its purpose is to enable users of audio-visual materials to explore thoroughly the relative merits of the various media, and to study the criteria to be followed in selecting and evaluating them.

Education X 313.1, Discipline and Control in the Modern School (2 units), \$30. Instructor: Sylvia Besser. Begins Feb. 6 and meets every Thursday from 4-7 p.m. in the Groves School Cafeteria.

A critical study of the various techniques used in home and school for setting limits and helping children to responsible self-direction. The appropriateness of these procedures for children of different ages and stages of development will be considered.

Prospective members are urged to attend the first class meeting, as a minimum enrollment of 15 is necessary in order to continue. Registration will take place at the first class meeting, and is accomplished by payment in full by check or money order.

ACS Meets in Mojave

The Mojave Desert Section of the American Chemical Society will have a dinner meeting on Feb. 3 at 6:30 p.m. at White's Cafe in Mojave, Calif.

A lecture will be given by Dr. Sherman Shaffer, western representative of the ACS, on "The Chemical Profession and the ACS" at 8 p.m.

The public is cordially invited to attend both the dinner and the lecture.



ARMY TASK FORCE VISITS CODE 45—Nine members of the Army's Munitions Command Task Force II visited Code 45 last week for the purpose of studying equipment used in the production of handling of pyrotechnic compositions. Left to right are Ed Allen, Code 4543; Jerome Selman, Dover, N.J.; Walter F. Smith, Frankford Arsenal; L. S. Bar-

nett, Picatinny Arsenal; John Dickie, Edgewood Arsenal; and Art Breslow, Code 4543. Back row (l-r) are Richard K. Traub, Edgewood Arsenal; L. G. Dudeck and M. G. Britt, Ammunition Procurement & Supply Agency; Burton Werbel, Picatinny Arsenal; Cecil Edmonds, Ammunition Procurement & Supply Agency.

Joint Crusade . . . Zero and One-Bedroom Units Now Available

(Continued from Page 1) expect good results."

As in past campaigns, employees may designate the amount they wish to give to an agency on the back of the envelopes.

Greenfield pointed out the addition of Project Hope to the Federal Service Joint Crusade. The S. S. Hope is a 23-bed hospital ship which has been a symbol of mercy to thousands of people in Indonesia, Viet Nam, and Peru.

In addition to Project Hope, three other international agencies, Radio Free Europe, American-Korean Foundation, CARE, and 11 participating National Health Agencies, will benefit from NOTS' employees donations, Greenfield said.

Station Keymen Keymen who organize the solicitation of funds within departments are listed below:

Codes 00 and 17, Bob Driggs; Code 12, Floyd Singer; Code 18, Lt. R. S. Thomas; Code 20, Les Fairall; Code 25, Lloyd Rogers; Code 28, CWO H. H. Thomason; Code 29, Ann Peltier; Code 30, Bel Frisbee.

Code 35, Ken Barnett; Code 40, L. L. Doig; Code 45, Leonard Pemberton; Code 50, Bernie Sword; Code 55, Bob Weakley; Code 65, Larry Buckley; Code 70, Frank Donnelly; Code 75, Betty Shorr; Code 84, Cal Mitchell; and Code 88, CWO Charles Garcia.

Expecting? The expectant parents' class, sponsored by the American Red Cross, will start Feb. 5. Class is held at Dorm 16 each Wednesday, 7 to 9 p.m., for six weeks.

For information or registration contact Ruth Stone, RN, at 7-3082.

Zero and One-Bedroom Units Now Available

There has been an increase in the supply of 0 and 1-bedroom units available for single personnel. There also has been a decrease in the demand for these units from single personnel.

Therefore, to bring the demand in line with the supply, the single civilians in H Group will now become eligible to apply for zero and one-bedroom apartments, motels, and the one-bedroom Hawthornes, C. J. Fallgatter, Housing Administrator, announces.

The civilian H Group is comprised of the following types of classifications: GS-7 and GS-8, Leadingman WS-47 through WS-51, Head WS-40 through WS-42, Shop Planner WD-35 (10) through WD-35 (12); General Wage Service WB-13 through WB-16 and AS/W-1, Printing



CAP INSPECTING OFFICERS—CAP Squadron 84 was inspected by three officers from the Civil Air Patrol's California Wing Headquarters last Saturday. Capt. Ronald E. Jensen, NOTS Air Force Liaison Officer (left)

and Capt. Robert B. Thomas, Squadron Commander (far right), pose with inspecting officers, Lt. Col. Monte Ramirez, Ralph Almond, and William Rayfield. They were assisted by Lt. Col. F. L. Richards, former Sqdrn. 84 CO.

NOTS Tour Impresses Antelope Valley AIAA



GILBERT BELL (center), who worked here 19 years ago and returned with AIAA visitors, is greeted by Frank Knemeyer (right), Head, Weapons Development Dept., and R. T. (Dick) Carlisle, Assistant Department Head.



'Where'd All the Quonset Huts Go?'

Gilbert L. Bell, now a Jet Propulsion Laboratory representative at Edwards AFB, returned to China Lake last week for the first time in 19 years!

He was a visitor with the Antelope Valley Section of the AIAA, and one of the first questions he asked upon arrival here was,

"Where did all the quonset huts go?"

Bell was working with the California Institute of Technology when he first came to NOTS in the spring of 1945.

"I can't forget that . . . we were greeted by a snowstorm!" His job then was to assist in the preliminary development of a miss distance indicator to use in aerial rocket training.

"We had a truckload of especially machined rails to use in the construction of a new track out where the present K area tracks are located," Gil recalled.

The project was halted, however, when World War II ended.

Bell, along with other Antelope Valley AIAA visitors, certainly were gratified by the progress which has been made and is being made here.



CONCENTRATING on test target (left of center).



WATCHING VX-5 PLANES come in low for strike during aerial weaponry demonstration.



KEEPING THEIR EYES on jet as it climbs during loft-bombing maneuver.

China Lake members of the American Institute of Aeronautics and Astronautics played host to members of the Antelope Valley sections of the AIAA on Jan. 22-23, and the distinguished visitors apparently were impressed by what they saw:

- (1) Tests on the Gemini Escape System.
- (2) SNORT.
- (3) Warhead Research.
- (4) Weapons Delivery Techniques by VX-5.
- (5) Sidewinder and SHRIKE missiles.
- (6) The HiTab Program.

Robert Nagel of the Antelope Valley Section and Frank Knemeyer of NOTS were co-chairmen of the business meetings. They were supported by Ed Bonner, Don Ross, Ernie Cole and Gil Bell of the AVS, and H. G. Wilson, Ray Van Aken and A. T. Robinson of the China Lake section.

All were convinced that such section meetings are invaluable and should be scheduled regularly.