### Page Eight

# Army Rock Band To **Play for Dance At** Joshua Hall Aug. 9

Local area residents will be treated to a summer dance, co-sponsored by the Ridgecrest Police Department and the Army Recruiting Office in Ridgecrest next Friday, Aug. 9, from 8 p.m. to midnight at Joshua Hall on the Desert Empire Fairgrounds.

The Ninth Infantry Division Rock Band, better known as the Pacific Northwest Express, from Fort Lewis, Wash., will perform under the direction of Michael Edwards, one of the original band members. Admission will be free, but there will be a

small charge for the refreshments. The Express is made up entirely of active

duty soldiers from the 9th Division. Into their second year now, they have played at more than 200 high schools and colleges, and were guest performers at the Junior Miss Idaho Pageant.

The Ridgecrest Police Department and the Army Recruiting Office are looking forward to having a large turn-out of both young people and adults. It's hoped that the dance will be a means of promoting better understanding between the two generations, Police Chief Earl Fike noted.

# Navy BuMed Research

### Work Now Consolidated

The Navy's Bureau of Medicine has announced that all of the Navy's medical research programs have been consolidated under one command, effective this past July

The new command, called the Naval Medical Research and Development Command, is headed by Capt. Charles E. Brodine, Medical Corps. It will plan, establish, budget and control health research, development, test and evaluation programs.

Another recent consolidation, which resulted in the establishment of the Health Sciences Education and Training Command, combined all of the Navy's medical training and educational programs.

This new command is headed by Capt. J. William Cox, Medical Corps. Both commands are located at the National Naval Medical Center in Bethesda, Md.

### 'Bus Stop' Opens Tonight

"Bus Stop," the famous William Inge play that is currently being produced by the China Lake Players, opens tonight at 8 at the Players' Hut, 405 McIntire St., on the Center.

Five more performances remain tomorrow, and again on Aug. 9, 10, 16 and 17. Seating will be by reservation only due to the size of the hut. The numbers to call to reserve tickets are 375-4687 and 375-9470.



ROCKETEER

GEE, SHE'S FUN - Stacy MacGregor, playing the role of Robert in CLOTA's upcoming production of "Company," responds with delight to one of his more aggressive girl friends, Marta, played by Marjorie Freis. Opening night for this sophisticated musical glimpse of the games married and not-so-married people play is next Friday, Aug. 9. Tickets for this and subsequent performances, (set for Aug. 10, 15, 16, and 17) may be purchased at the door, from members of the cast, from the Gift Mart in Ridgecrest, or the Station Pharmacy. Prices are \$2.50 for adults and \$1.25 for students. Curtain time for all performances is 8:15 p.m. at the Burroughs High School Lecture Center. -Photo by Ron Allen

# **HAPPENINGS AROUND NWC**

Members of the Commissioned Officers' the Sun Room of the Commissioned Officers' Mess will have another treat in store for Mess beginning at 11:30 a.m. There will be a question and answer them from the China Lake Players late in

period with representatives of the Personnel Department All chapter members are urged to attend.

Interested non-members are always welcome CLMAS Assessment Due

Assessments are now due from members of the China Lake Mutual Aid Society and the Government Employees Benefit Association following the death of Walter Wheeler, a 56-year-old China Lake resident. Wheeler, who had been employed in Public Works Department's Building

Trades Branch, died on July 24. CLMAS and GEBA members are asked by Larry Mason, secretary, to contact the collectors in their work area to pay this latest assessment, which is No. 310.

Space Mission Film Set

The next monthly meeting of the China Lake Astronomical Society will be held on Monday at 401-A McIntire St.

A short film on the upcoming Apollo-Soyuz space mission, plus a talk by Gene Thomas on the features of the moon, will highlight the meeting, which will begin at 7:30 p.m. All interested persons are invited to attend

Physical Exams Offered Appointments are now being made for physical examinations of students who are dependents of military personnel.

The school physicals will be conducted at the Naval Weapons Center Dispensary on Wednesdays of each week. Appointments, which are necessary for such exams, can be made by calling NWC ext. 2911.

Time Management Classes

Two classes in time management-one for secretaries on Aug. 29 and the other for managers on Aug. 30-will be offered from 8 youths. a.m. to 4 p.m. in the Training Center.

L. L. (Verne) Reynolds, of Management Skills Associates, will be the instructor. Topics to be covered are:

How to establish work priorities: how to avoid time-consuming interruptions; how to turn idle conversation into meaningful conversation, how to visualize ideas and eliminate confusion, and how to make the telephone work for you.

Employees interested in attending should submit an NWC enrollment form via proper department channels in order to reach Code 654 no later than Friday, Aug. 16.

August 2, 1974



### 2 Aug. "FIDDLER ON THE ROOF" (179 Min.)

Topol, Norma Crane (Musical) The story of the Ukranian village of Anatevka and the people who lived there circa 1905, with special attention to Tevye, the milkman, and his family. (G)

SAT. 3 Aug. -FAMILY MATINEE-

"THE AQUARIANS" (97 Min.) Ricardo Montalban, Kate Woodville

# -EVENING-

"THE MECHANIC" (100 Min.) Charles Bronson, Jan-Michael Vincent (Drama) A hired Los Angeles killer takes on, as his apprentice, Jan-Michael Vincent, the son of a man who he has killed. They also become lovers. When the apprentice gets his first assignment from the organization, it is to kill his teacher / lover. (PG)

SUN .- MON

"LOVIN' MOLLY" (92 Min.) Anthony Perkins, Blythe Danner, Beau Bridges

4-5 Aug.

(Drama) In Bastrop, Tex., 1925, Anthony Perkins and Beau Bridges are friends and rivals for Blythe Danner, a blonde, who loves them both

TUES .- WED 6-7 Aug. "THE SERPENT" (114 Min.) Yul Brynner, Henry Fonda

(Drama) A Soviet citizen, Yul Brynner, chooses reedom and defects to the West. This defector happens to be a senior official of the Russian Secret Service who has brought along a gift for his hosts in Washington, a list of all the traitors working for the Kremlin in Western Europe. If he is to be believed, every Western government has been infiltrated by Soviet Intelligence at the highest level. The CIA tracks Brynner every step of the way and finally proves who are the real espionage agents and who are the innocent ones. The case is a political and diplomatic time-bomb. ticking away. (PG)

### 8-9 Aug. THURS.-FRI. "RETURN OF SABATA" (106 Min.)

Lee Van Cleef, Reimer Schone (Western) In Hobsonville, Tex., Sabata, a gunslinger and former Confederate officer, runs into a fellow soldier who owes him \$5,000. While waiting to recoup his debt, he uncovers a plot by the greedy mayor and a scheming Irishman to swindle the townspeople by imposing a heavy sales tax. (PG)

# YOUTH MATINEES

Dean Martin and Jerry Lewis star in "Three Ring Circus," the Youth Center matinee fare for next Tuesday. The motion picture will begin at 1 p.m. at the Center

Admission is free to all annual members of the China Lake Youth Center. All others will be charged 30 cents.

Scheduled for Thursday, Aug. 1, is "Golden Arrow," starring Tab Hunter and Rosanna Podesta. This film also starts at 1 p.m

Both movies are considered excellent for

From:	PLACE STAMP
To:	HERE



August

the dinner hour.

Two hilarious melodramas will be

presented by the little theater organization,

under the direction of Sandee Schwarzbach.

Dates for the performances are Aug. 20 and

24, on the COM lanai immediately following

The first one act laff-riot is entitled "He

Done Her Wrong," or, "Wedded, But No

Wife." The second offering on the bill of fare

will be a one-act play with the dubious title

of "Virtue Triumphant," or, "Horace

Service Bay Open Longer

Hours of operation have been extended at

the Navy Exchange gasoline station's

service bay, it was reported this week by Lt.

In addition to weekday service, the ser-

vice bay is now open on Saturdays from 10

a.m. to 2 p.m. to provide oil changes,

Supervisors Plan Meeting

Chapter 28, National Association of

Supervisors, will be held on Wednesday,

The next monthly business meeting of

lubrication jobs and engine tuneup work.

E. N. Smith, Navy Exchange officer.

Comes Home From the Laundry."

SAMOAN DANCERS - A "Huki Lau," the term for a Polynesian celebration, was held at the Commissioned Officers' Mess last Saturday evening, attended by nearly 300 persons. Chef John Appleby whipped up a 14-course South Seas buffet menu, and "The Samoan Group," provided a floor show and music for dancing. Those in attendance included RAdm. R. G. Freeman III, NWC Commander, and Mrs. Freeman, and Dr. G. L. Hollingsworth, NWC Technical Director, and Mrs. -Photo by Ron Allen Hollingsworth.

# nwc rocketeer

Naval Weapons Center China Lake

Aug. 2, 1974

### INSIDE:

DEF Entry Forms Available ..... Seabees Lend Helping Hand ..... 'We Care' Group Formed ..... Sports ..... Hideaway Team Wins Tourney ..... Army Rock Band To Play .....



AIRCRAFT POD INSPECTED - Having a look at the pod which encloses the Advance Tactical Inertial Guidance System are (from left) Jim Takahashi, the systems integration engineer; Larry Levsen, a systems analysis engineer, (back to camera), and Clarence Chumney, Honeywell field service representative. The pod is being carried under the wing of a Corsair II A-7 aircraft.

# **Charges for Military Use Of** Indoor Swimming Pool Dropped

fees to be charged for use of recreation facilities at the Naval Weapons Center was adopted, and a special committee is to take another look at some of the other new fees that went into effect on July 1, it was decided at last week's meeting of the Joint Navy-Civilian Recreation Council. Recreation Council members voted 5-3 to

**Harry Parode Is Now Public Affairs** Officer at Center

H. D. (Harry) Parode, whose retirement two years ago at China Lake culminated 281/2 years of active duty in the Navy, has returned to the Naval Weapons Center to take over the functions of the newly reorganized Public Affairs Office, Code 003. Mr. Parode, who had left high school to enlist in the Navy during World War II, had risen to the rank of captain and was head of (Continued on Page 3)



H. D. (Harry) Parode

One immediate change in the schedule of eliminate all fees for use by military personnel of the indoor swimming pool at the gymnasium

> In addition, a special fee-study committee (headed by Cdr. R. B. Nygaard, Supply Department representative on the Recreation Council) will look into the matter of also reducing the annual fee for use of the indoor swim pool by the dependents of military personnel.

> This changeabout in action that was taken at the June 11 Recreation Council meeting was prompted by a letter from Capt. R. S. Moore, Commanding Officer of the Naval Air Facility, who commented on the "marked effect on the morale of the military personnel of his command," when they learned that, in some cases, the new fees to be charged for military personnel are triple the boost assessed civilian users of the same facilities.

**Bowling Fees Also Boosted** 

Mentioned specifically in the letter from Capt. Moore was an increase of 15 cents per line at the bowling alley for military personnel at the E-6 (first class rating) and above, while the hike in civilian bowling rates was just 5 cents per line.

"A similar raise in swimming fees was also noted," the letter from the NAF Commanding Officer read. The latter suggested that "it would appear more consistent and fair to impose an across-theboard raise in fees, if required, than to single out one group for a higher raise than another."

Capt. Moore concluded his letter by asking that the Recreation Council reconsider the new bowling and swimming fees "in light of the impact on the singled out military groups and consider an equal division of the needed new revenue."

Joining Cdr. Nygaard on the fee-study committee, whose task it will be to do just that, are Lt. T. K. Scheber, from VX-5; Lovic Thomas and Richard Mahan. In (Continued on Page 3)

# **Flight Tests Seen as Big Step in Advanced Tactical Inertial Guidance System**

A major milestone was marked recently breadboard equipment), and then went ou at the Naval Weapons Center in the program, under way since 1968, to develop an Advanced Tactical Inertial Guidance System (ATIGS). A project sponsored by the Naval Air Systems Command, it was originated by the Naval Weapons Center with Nick Schneider, Associate Head, Avionics Division, as the original program manager

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On June 20, according to Bill Ball, the current ATIGS program manager, who heads the Guidance and Navigations Systems Branch in the Weapons Development Department, the first ATIGS flight was made on an A-7 Corsair II aircraft carrying an ATIGS pod.

ATIGS is a strap-down system using ring laser gyros. It is a candidate for low-cost. effective inertial guidance of tactical standoff missiles. "Recent flight tests, including more than 40 hours on the system, have been very successful," Ball added.

**Other Applications** 

The ATIGS technology, in addition to long range tactical missile midcourse guidance, is applicable to aircraft navigation and flight control, high speed ship navigation, remotely piloted vehicle guidance and control, ship radar and launcher stabilization, small submersible navigation and control, and torpedo guidance and control

Work on ATIGS is being accomplished by a combined in-house and contractor effort. It is now in the initial stages of a thorough laboratory and field test program.

The exploratory and initial advanced development work on the Advanced Tactical Inertial Guidance System was carried out by personnel in the Avionics Division of Code 40. "We decided what we wanted. tested our ideas in the laboratory (using

on contract for the flight test system." Ball stated.

The Aerospace Division of Honeywell, in St. Petersburg, Fla., which became involved in April 1973, was originally given specifications for the air-to-surface missile application of ATIGS, but (in some cases) has bettered these specifications by a factor of 10.

As a result, Ball continued, ATIGS now has the potential for aircraft navigation, and numerous other applications.

Ball had high words of praise for Ray Francis, the project engineer, and his team of co-workers, who took delivery of the ATIGS system last May 21.

About Francis, Ball said, "If one person should be singled out as the prime reason for the ATIGS success, it is Ray. He has been the driving force and team leader throughout the hardware development."

(Continued on Page 3)

# **Record Set Of** 136 Days Without Accident at Work

Solid evidence that the steadily increasing Centerwide emphasis on safety has had the desired effect can currently be found on the sign installed on the Administration Building lawn, at the corner of Blandy Ave. and Knox Rd. As of mid-week, the figure on the sign

had climbed to 136 days worked at the Naval Weapons Center without a disabling work injury.

According to Safety Department data, this establishes a record for the Center. The previous high mark was 105 days in mid-November of last year.



PRE-FLIGHT BRIEFING - Ray Francis (at left), project engineer on ATIGS, discusses plans for a flight test with Cdr. J. J. Fleming, project pilot for the A-7 office.

# ROCKETEER

### August 2, 1974

Electronics Technician, GS-856-9, PD No. 7455106, Code

5512 - Applications will be accepted from current NWC

career or career-conditional employees only. Position is

located in Environmental Standards Division of the

Engineering Department. Duties include laboratory

testing and alignment of electronics devices and equip-

ment, inspection and evaluation of contractor performance

and hardware for conformance to WS6536, design, testing,

and alignment work documented in report form including

Soldering of Electrical Connections, WS 6536, or have the

potential to achieve such certification within a six-month

Administrative Officer or Administrative Assistant, GS-

341-5 or 11, PD No. 7455107, Code 555 - Applications will be

accepted from current NWC career or career conditiona

work in progress and upon completion. Maintains

production reports and records. Minimum Qualification

Requirements: As defined in X-118C. Job Relevant

Criteria: Ability to supervise. Knowledge of shop func

tions. Ability to interpret instructions, specifications, etc.

Engineering Data Management Specialist, GS-301-4 or 5, or Data Control Clerk, GS-301-4 or 5, 1 Vacancy, PD No.

7355005, Code 55503 — Applications will be accepted from current NWC career or career-conditional employees only

Major function of this position is to provide Configuration

Management support to engineers and technicians in the

evaluation of ECP's, WO's, DO's, NOR's and SCN's, In

process it. Prepares status reports, prepares letters, files.

Job Relevant Criteria: Must be familiar with nomen

(Continued on Page 4)

umbent identifies project, type of change and how to

clature of missile components. Experience related to data

Knowledge of pertinent tools and equipment.













AUCTION RATED 'BEST EVER' - Last Thursday's auction of surplus government property brought out a total of 207 registered bidders to the Community Center and raised \$32,000, Gordon Peacock, Defense Property Disposal Officer at NWC, reported. It was the "most fantastic auction ever held locally," Peacock enthused as he noted that the most spirited bidding revolved around the sale of a couple of farm-type tractors. The auctioneer (insert photo) was "Tex" Hammond, from the Defense Property Disposal Residency in San Diego. In addition to vehicles, like those shown above, the list of items offered for sale at the auction included calculators, electrical and electronic components, pumps and trailers.

# **DEF Entry Forms Now Available**

Premium lists and entry forms for the various categories of competition. Desert Empire Fair, which is coming up the This year's premium list is divided into first week in October, are now available it three sections-one for senior or adult enwas announced by Mrs. Willie Johnson, the tries; one for 4-H Club members, and one for competitions' chairman.

Locations in this area at which the in- affiliated with any youth farming formation and forms can be obtained are the organization. NWC Federal Credit Union at China Lake, and at the Kern County Building on No.

Since the 1974 Desert Empire Fair will be open to anyone living within the 53rd Agricultural District, the residents of

EAPONS

Editor

**News Stories** 

Photographs

Defense

Phones



**PROMOTIONAL OPPORTUNITIES** 

Unless otherwise specified in the ad, applications for positions listed in this column will be accepted from current NWC employees and should be filed with the person named in the ad. All others desiring moloyment with the Naval Weapons Center may contact the Employment-Wage and Classification Division, Code 652, Ext. 2069. Ads will run for one week and will close at 4:30 p.m. on the Friday following their appearance in this column, unless a later date is specified in the ad. Employees whose work history has not been brought up to date within the last six months are encouraged to file a Form 171 or 172 in their personnel jacket. Information concerning the Merit Promotion Program and the evaluation methods used in these promotional opportunities may be obtained from your Personnel anagement Advisor (Code 656 or 657). Advertising positions in the Promotional Opportunities column does not preclude the use of alternate recruiting sources in filling these positions. As part of the rating process, a supervisory appraisal will be sent to the current supervisor and the most recent previous supervisor of those applicants rated as basically qualified. The Naval Weapons Center is an equal opportunity employer and selection shall be made thout discrimination for any nonmerit reason.

Sheetmetal Worker Helper, WG-2806-05, JD No. 151-1, Code 70422 — Assists journeyman in performing work with sheetmetal of 10 to 26 gauges in thickness (.019 to .125). Occasionally works with thinner metals and up to 1/4 in. in thickness. Helps in layouts, fabricates, assembles and installs and repairs objects and equipment. Incumbent will be participating in a Pre-journeyman Development Program leading to journeyman. Minimum Qualification Requirements: Rating will be on the basis of the appropriate J-Element Standard in accordance with CSC Handbook X-118C.

Rigger, WG-5722-10, JD No. 213-1, Code 70784 - Incumbent rigs for hoisting, jacking, cribbing, shoring, moving and placing of heavy plates, targets, barricades, machinery, instruments, small buildings; moves office equipment, loads and off-loads railroad and commercial cars; directs operation of cranes, winches, hoists and similar equipment; directs rigging crew of other riggers, helpers and / or laborers when designated as the lead-off rigger by his line supervisor; assists all other crafts in routine duties and assignments. Minimum Qualification Requirements: Rating will be on the basis of the appropriate J-Element Standard in accordance with X-118C. Painter Helper, WG-4102-05, JD No. 148-1, Code 70412 ---Assist journeyman, or work under direct supervision, in duties involving work on walls, ceilings, woodwork, baseboards, doors, furniture, water-proofing, cementing or floor scraping, etc. Incumbent will be participating in a Pre-journeyman Development Program. Minimum Qualification Requirements: Rating will be on the basis of other youngsters (up to age 18) who are not the appropriate J-Element Standard in accordance with X-

> between work centers and outside work sites; authorizes initiation of work projects and balances workload and orders and reschedules work where necessary. Minimum

> 70783 - Drives straight-in-line trucks of over 22,000 pounds gross vehicle weight ratings up to and including gross vehicle weight, ratings of 32,000 pounds or heavy duty passenger busses, either of the "body on chassis" or integral (transit)" types, with a carrying capacity of twenty-five or more passengers; or operates special purpose vehicles. Minimum Qualification Requirements: Rating will be on the basis of the appropriate J-Element Standard in accordance with X-1180

Rm. 210, Ph. 2032.

Applications will be accepted from current NWC career or career conditional employees only. Position is located in the Sparrow Program office. Incumbent assists program office secretary in performing the following tasks-typing, filing, record-keeping, review of correspondence, travel arrangements, telephone answering. Performs various other office duties. Minimum Qualification Requirements: As defined in CSC Handbook X-118, Job Relevant Criteria: Ability to type, knowledge of NWC procedures. Ability to meet deadline under pressure. Ability to work well with

Supv. General Engineer, GS-801-13 or 14, PD No. 7455108, Code 551 - Applications will be accepted from current NWC career or career-conditional employees Position is that of Head, Environmental Standards Division, Engineering Department. The incumbent will supervise the operation of the division through 3 branches which (a) provide environmental criteria for the development of weapon systems test and evaluation specifications; (b) provide the center's electronic equipment calibration laboratory; (c) provide develop ment and qualification testing of weapon systems and components; (d) develops, evaluates and consults on material (metals and non-metals) and their processes as they are applied to the Center's weapons systems and (e) provides development and qualification testing of weapons systems materials and components in the metallurgical, chemical, plastic and non-destructive testing laboratories. Minimum Qualification Requirements: As defined in CSC Handbook X-118. Job Relevant Criteria: Demonstrated ability to manage a large group of professional personnel. Familiarity with all types of materials and process of metals, plastics, explosives and non-metallics. Must be well versed in metrology, standards lab operations, production techniques.

Physicist, GS-1310-9 or 11, or Mathematician, GS-1520-9 or 11, PD No. 7355113, Code 5584 - Applications will be accepted from current NWC career or career-conditional mployees only. Position is located in the Systems Analysis Branch, Product Assurance Division of the Engineering Department. Incumbent is responsible for analysis of problems concerning feasibility, verification of stated performance and definition of practical system limits. Designing analog and digital computer simulations. termining optimum computer type program, supervises programming. Job Relevant Criteria: Background in mathematics, missile systems analysis and electronics. Familiarity with analog and digital simulation techniques. Working knowledge of FORTRAN. Minimum Qualification Requirements: As defined in CSC Handbook X-118.



Harper has reported aboard from Naval Station, Pearl Harbor, to assume the duties of NAF Chaplain. He will replace Lt. Fred Zobel, the NAF Chaplain for the past two years, who has been reassigned to the Middle East. LCdr. Harper was born and raised in St. Louis, Mo., and was graduated from Cleveland High School. He enlisted in the USMC in 1948 and saw action in Korea prior to his discharge and subsequent entry into William Jewell College, Liberty, Mo. Upon receiving a bachelor's degree in philosophy, he attended the Midwestern Baptist Theological Seminary, Kansas City, Mo., and was ordained a minister after receiving a master's degree in Biblical English. He joined the Navy Chaplain Corps in 1961. The new NAF Chaplain and his wife, Madeline, have two children. They are Cindy 14, and Timothy 11.

### drawings, sketches, tabulations and graphs. Minimum Qualification Requirements: As defined in CSC Handbook X-118. Job Relevant Criteria: Specific knowledge of the elements of missile systems and associated T & F systems. Basic electronics knowledge of circuit theory such as audio and video amplifiers, multivibrators and blocking oscillators. Must be a certified Category "A" Senior Examiner under the provisions of Process Specification, Procedures and Requirements for Preparation and

employees only. Position is located in the Technical Data Division of Engineering Department. Incumbent is staff assistant to the division head. Duties include personne assistance, space and facility requirements, procurements, budget requirement, general division planning and reporting assistance. Job Relevant Criteria: Knowledge of management principles and administrative practices. Experience in budget and procurement. Familiarity with personnel requirements. Experience with analysis and the preparation of reports. Minimum Qualification Requirements: As defined in CSC Handbook X-118. Store Worker Foreman, WS-7602-4, JD No. 728002, Code 28 - This position is located in the Commissary Store. Duties include planning work schedules and sequences of operations for store workers and sales checkers. Establishes deadlines and priorities. Determines availability of materials and equipment required. Explains work requirements, methods and procedures. Reviews

Maintenance Scheduler, WD-6705-07, JD No. 103-1, Code

70403 — Schedules work among the various work centers of the Maintenance Division of the Public Works Department, available manpower; checks progress being made on job Qualification Requirements: Rating will be on the basis of the appropriate J-Element Standard in accordance with X-

management general office work preferred. Minimum Qualification Requirements: As defined in CSC Handbook File application for above with Carol Downard, Bldg. 34, Rm. 204, Ph. 2925. Editorial Clerk, GS-1087-5, PD No. 7453026, Code 5312 -Motor Vehicle Operator, WG-5703-07, JD No. 165-3, Code

# ROCKETEER

# **Hideaway Nine Wins Invitational Softball Tournament**



A SMILING GROUP - Dr. Rex Shacklett (1.), Mayor of Ridgecrest, presented the "Most Valuable Player" trophies following the final game of the second annual China Lake Invitational Softball tournament, sponsored by the Indian Wells Valley Softball Association. The winners of the individual trophies were (I.-r.): Mike Stoner, Tony Beeler and Ralph Stalnaker. Stoner won the MVP awards for hitting and infielding, while Beeler was voted "best" pitcher. Stalnaker was singled out as the "best" outfielder. Both Stoner and Stalnaker played on the tournamentwinning Hideaway team, while Beeler pitched for the Edwards AFB contingent. Max Smith (r.), president of the IWV Softball Association, and tournament director, looks on. -Photo by PH2 D. W. Yeatts



ACTION A-PLENTY - There were many outstanding plays and achievements during the three-day tournament. Three of these four scenes show local ball players in some action photos, while Wilt Wyman (lower right) is seen at the microphone during a lull in the action. The other photos are (beginning lower left and running clockwise) Tony Scanlon, Hideaway pitcher, getting one of his four hits during the game he pitched against Mel's Pharmacy of Lancaster. Scanlon batted in two runs to aid his own cause. The local team won the game, 4-1. Above, Ralph Stalnaker, who won the MVP award for his sterling outfield play, also showed a lot of prowess at the plate and on the basepaths. Here, he rounds third base and heads for home under orders from manager Rich Clodt. In the final photo, Mike Stoner, MVP in both hitting and infield play, is caught in one of the rare times when he was thrown out at first base. This action took place during the game with Maxdon's from Lancaster-a contest won by the local team, 14-1.





## By Jack Lindsey

possibly be anything else. The Hideaway in two runs. softball team, recent victors (with plenty of The winning team was just getting help from the Navy Hawks) in the 1974 started. At 1 p.m., they took the field against Mojave Desert Inter-Service League the awesome Turner Crane squad from tournament two weeks ago, came right back Bakersfield. Bert Andreasen, who had lost this past weekend and won the second an- the heartbreaker to Edwards, pitched a nual China Lake Invitational Softball three-hit gem and the locals emerged the tournament, sponsored by the Indian Wells victors, 7-1. That set up the second game Valley Softball Association.

how they did it. The "marvelous madcaps" that time in the tournament. of the Indian Wells Valley won seven games At 3 p.m. on Sunday, the two softball wrest the crown from Edwards Air Force Hideaway turned eight hits into 12 runs.

In fact, Edwards' softballers and the locals, are products of the varsity team criteria established for MDISL play two

Crowds of up to 800 persons per game sat broiling in the sun to watch the action during the second annual China Lake Invitational Softball Tournament. Three ball diamonds were kept busy during the first two days of the event-Reardon and Schoeffel Fields, and the Pony League field.

According to Max Smith, tournament chairman, attendance was estimated at an average of 250 persons per game during the 35 game tourney, and the organizers of the tournament were kept hopping just seeing that the appetites and thirsts of the fans were satisfied.

During the three days, more than 1,000 hot dogs, 1,500 cans of soft drinks, and 3,000 cans of beer were sold.

"China Lake fans have to be the most loyal of all softball fans," Smith said. "And just think, beginning on Aug. 16, the women will be holding an invitational softball tourney right here, and they can all have another go at it," he pointed out.

Smith's committee that worked so hard in making this such a great tournament was composed of Tom Fortney, Joan Jarrett, Bill Nicol, Wilt Wyman, Bill Underwood, Dick Clodt and Jimmy Lee. "I owe them a tremendous vote of thanks," Smith said.

years ago by the now-departed Marty Denkin and Bill Nicol, NWC's intramural sports director, and it says a lot for the system. These two teams took the visiting Class AA caliber softball teams and punched them silly.

Even the Navy Hawks, the all-military entry from China Lake, fared well, losing only because of bad luck. The Hawks placed second in the northern district of the 11th Naval District Softball Tournament last week at the Long Beach Naval Shipyards, and will be playing this coming weekend in the finals. They, too, are a product of the varsity team system.

The Hideaway team opened up on Friday night with a 5-2 victory over the Master Shop team, from Palmdale. Billy Brown, the hero of the MDISL tournament, who was to eventually win four games for the Hideaway, allowed only five hits in notching the victory.

Disaster struck, however, early Saturday morning, when the Edwards team beat the Hideaway, and Bert Andreasen, 1-0. Andreasen only gave up 5 hits, but his teammates' bats were silent when they were needed the most as they left six men stranded on base.

Now playing in the losers' bracket, the Hideaway nine met Maxdon's from Lancaster, and won by a score of 14-1 during the 4 p.m. game on Saturday. At 8 p.m. that day, they defeated Bob's Cafe, 5-1, behind the six hit pitching of Brown.

Sunday morning saw them in action at 9 o'clock against a powerful I-Go Van and Storage team from Bakersfield. Brown again scattered six hits as his team won, 5-2. Taking the field again at 11 a.m., the Hideaway contingent met Mel's Pharmacy, from Lancaster. Tony Scanlon pitched the

game of his life, winning 4-1. He was a terror It must be the humidity . . . it couldn't at the plate as well, going 4-for-4 and driving

against Edwards AFB-a team that had It wasn't so much that they won, it was continued to win and was undefeated up to

in a row, five of them on the final day, to powerhouses leaned heavily on offense. The while Edwards managed only eight runs on 12 hits.

With hardly any rest, and playing for the fifth time in one day, the locals got behind Billy Brown and smashed the Edwards team, 7-3, in the final game. Brown gave up only six hits enroute to the victory.

It was a great tournament, and the statistics were piled high. Mike Stoner won both the hitting and infielding "most valuable player" awards, while Ralph Stalnaker was voted best outfielder of the tournament. Tony Beeler, pitcher for the Edwards team, won the MVP award for that category.

Stoner went 14 for 25 at the plate, batting at a .560 clip. Of course, Tony Scanlon was batting .1000, but he didn't have enough trips to the plate to qualify.

Bob Steckley, pitcher for Mel's Pharmacy, threw a no-hit shutout against Maxdon's. Beeler was good for many humorous moments while he was on the mound. Wilt Wyman, NWC's sports director, said he once sat down on the mound while utter confusion was reigning during one game. After the arguments were over, the umpire (Fred Ladda) got on Beeler to start pitching. Finally, Ladda walked out to the mound and told Beeler to "start pitching." The lanky fire-baller stood up and held out both hands. "I ain't got a ball," he said, causing Ladda a moment's consternation.

During another crisis, Beeler called time and walked to the dugout. "I've gotta change shoes," he muttered. Once inside, away from prying eyes, he stretched out on the bench and fanned his face. After about 10 minutes he returned, fresh and rested, and continued the game.

### **Tournament Scores**

Following are the scores of ballgames played in the second annual China Lake Invitational Softball Tournament.

Friday, July 26 Custom Bubi 8, L.A. Air Force Station 6 Bob's Cafe forfeit by Norton AFB Edwards 7, Oildale 0 Hideaway 5, Masters 2 Mel's Pharmacy 5, Maxdon's 0 Turner Crane 7, Union Carbide 1 I Go Van 7, Navy Hawks 4 F&T 3, Bob & Joe's 1 Saturday, July 27 Custom Bubi 3, Bob's 2 Edwards 1, Hideaway 0 Turner Crane 3, Mel's Pharmacy 2 IGo Van 9, F&T 0 Masters 7, Oildale 1 Maxdon's 10, Union Carbide 2 Navy Hawks 7, Bob & Joe's 6 F&T 8, L.A. Air Force Station 7 Mel's Pharmacy 5, Masters 2 Hideaway 14, Maxdon's 1 Bob's Cafe 6, Hawks 5 Edwards 7, Custom Bubi 4 Turner Crane 10, I Go Van 5 Mel's Pharmacy 6, F&T 3 Hideaway 5, Bob's Cafe 1 Edwards 7, Turner Crane 4 Mel's Pharmacy 5, Custom Bubi 3 Sunday, July 28 Hideaway 5, I Go Van 2 Hideaway 4, Mel's Pharmacy 1 Hideaway 7, Turner Crane 2 Hideaway 12, Edwards 8 Hideaway 7, Edwards 3

### Page Six



to peek above the horizon. A tall, slender figure is busy picking up golf balls on the NWC driving range, his body weaving and ducking from spot to spot.

Soon he emerges with a large crate full of balls and dumps them on the ground. Then he takes an iron from his golf bag and begins to practice.

It's 12 noon, and the hot, desert sun starts to beat down with a fervor. The same golfer, having played 18 holes already, is now practicing around the chipping green, hitting ball after ball toward the pin. Most of them are stopping within 4 to 5 ft. of the cup.

A group of young boys gather around him on the putting green, where he has been for the last hour or so, practicing. They invite him to play 18 holes, which he accepts. He shoots 74 or 75, with one or two disastrous holes

He caps his golf day with probably another nine holes, playing with his mentor. Don Fraser. Later, the two discuss his game-its short-comings, its strengths.

This remarkable young man is Jess Moreno. He is 14 years of age, and, with a little luck, he might be the next men's golfing champion of the China Lake Men's Club.

A gifted athlete, Jess believes the theory that great athletes come by their skills naturally. He has learned from his father. Rudy, that greatness comes from practice, practice, practice, and he applies that ad- permitted to use the swimming pool during vice. Jess was probably the finest Little the hours listed above. League pitcher that China Lake has ever had, and his prowess on a basketball court has led the Burroughs High School when he learned that Jess would rather play

The Club Champion tournament is set for Aug. 10, 11, 17 and 18, and Jess is entered. It's difficult to predict that older, wiser next Thursday, Aug. 8. A fee of \$1 per person heads will beat him, for none in the Valley have a cooler, more even temperament while playing the game. He remains unruffled, and takes each shot as it comestruly the attitude of a champion.

But the competition will be there-some of it from his own ranks. Along with three-time champion Max Smith, and current champ Lake Intramural Golf League after 12 weeks Dick Clay, there's always Curt Bryan, who of play: is now playing as well as he ever has, and constitutes a real threat for the title this year

In addition, Jim Runchey, Jr., who reached the finals last year, can do it, while Keith Adicoff and Dan Morey also have the game to win the crown.

A pair of outsiders, Karl Kail and a scratch golfer by the name of Mel Hughes, who recently arrived at NWC, have to be considered. It's not known at this writing whether Hughes has entered the tourney, but if he does, this ex-student of famous golf teacher Bob Toski, will rank as a dark horse favorite.

I know I'm leaving a lot of eligible contestants out, but I think the champion will come from those mentioned in the column. I'm going to go out on a limb and predict that young Moreno will win it.



ROCKETEER

MAYFLOWER WINS SLO-PITCH TITLE - Nick De Bonis (r.), sports editor of the Daily Independent newspaper, presented the sponsor's trophy to Ken Armstrong, owner of the Mayflower Moving agency in town, after his team won the title last Wednesday evening in the Slo-Pitch Division of the China Lake Intramural Softball League. Harper Thorpe (1.), team manager, and Wilt Wyman, NWC supervisor of athletics, look on. -Photo by PH2 D. W. Yeatts

# **CENTER SPORTS NOTES**

women patrons.

only on Mondays, from 6 to 9 p.m., and on school. Thursdays, from 9 to 11 a.m., it was reported by Adrienne Swinford, manager of the pool and swimming instructor for the Fridays, beginning Aug. 12 and ending Aug. Special Services Division.

Femmes 16 years of age and over will be

3-on-3 Basketball Offered

The China Lake Youth Center will offer a basketball coach to nearly tear his hair out program of three-on-three basketball for boys and girls, nine years of age through high school

> Registration, which is currently under way at the Youth Center, will continue until will be charged.

# **GOLF LEAGUE** STANDINGS

Following are the standings in the China

l	AMERICAN DIVISIO	N	
5	Team N	Von	Los
	Smoothies 4	9.5	22.
1	Stingers 4		26
	Vampires 4	4.5	27.5
	NAF Hawks 3	6.5	35.5
	Analysts 3		38.5
	The Symposium 3		39.5
	Fore Players 2	7	45
	Nolo Contenderes 1	9	53
	NATIONAL DIVISIO		
	Team	Won	Los
	The Bandits	43.5	28.5
	Fuzaliers	41.5	30.5
	Short Knockers	41	31
	TID	38	34
	Big Spenders	37	35
	Bad and Ugly	35.5	36.5
	Streakers	27	45
	Prima Donnas		46
		107-1	

Once again, certain hours two days each The program will consist of both a boys' week will be set aside at the Center gym and girls' league with each team composed swimming pool for the exclusive use of of five members. Entrants will be divided into the following age groups: 9 and 10-year-As of now, the pool will be open to women olds; 11 and 12; 13 and 14, and senior high

All games will be played at the Center gymnasium at 2 p.m., Mondays through

**Tennis Courts Reserved** 

The NWC Tennis Courts will be reserved from 9 a.m. until approximately 3 p.m. on Sunday for the first leg of a home and home tennis match between the China Lake Tennis Club and the Palmdale Tennis Club. Spectators are welcome to attend.

Following the matches the visitors will be treated to refreshments and a dip in the pool at the Chief Petty Officers' Club.

Track Club Plans Mile Race

The Over the Hill Track Club will sponsor the first annual Indian Wells Valley one mile championships on Tuesday, Aug. 13, at the Burroughs High School track.

Time of the meet is set for 8 p.m. under the lights

All age groups are invited to participate. Ribbons will be awarded to the first five finishers in each age group, and all finishers will receive ribbons.

An entry donation of 50 cents will be charged. Runners may register at the track just prior to the meet.

Early Deer Season To Open

California's early (or coastal) deer season will begin tomorrow and continue through Sunday, Sept. 15.

Hunters will be required to have a valid 1974-75 hunting license and deer tags in their possession. Licenses cost \$6 and tags are going for \$3.

According to the Department of Fish and Game, hunters should remember that most of the early season area is on private land and permission is required to hunt in such areas.

In Kern County, public hunting has been restricted only to Los Padres National Forest.

### August 2, 1974

# **Mayflower Slo-Pitch Nine Defeats James** Gang, 4-1, for Title

The Mayflower Movers softball team, which finished in a tie for first place at the end of the regular season on Monday, July 29, defeated the James Gang nine, 4-1, Wednesday night for the title in the Slo-Pitch Division of the China Lake Intramural Softball League.

Winner of the National Section was the James Gang, with the Stare Montagne team finishing second. The Demons and the Mayflower Movers tied for the lead in the American Section

That set up a double elimination playoff series between the four teams that took place on Tuesday and Wednesday of this week.

On Tuesday night, the Demons whipped Stare Montagne, 11-1, Mayflower knocked over the James Gang, 10-6, and Mayflower outlasted the Demons, 5-4.

Wednesday night's contests saw the James Gang blast Stare Montagne, 12-2, then crush the Demons, 13-7, to set up the championship game. Tom LaJeunesse was the winning pitcher.

# **Batting Crown In Fast Pitch Division** Won by Jimmy Ayers

The following statistics for the 1974 Intramural Fast Pitch Division were released recently by the IWV Softball Association.

Jimmy Ayers, of the league-winning Hideaway softball team, won the batting crown by 74 percentage points over his nearest rival, Max Smith, of the third place Bud Eyre team.

Gary Potteiger, of the NAF Hawks, won the home run title. Mike Machowsky, of the Roaches, is the RBI champion, with 19 runs batted in.

(Statistics based on 30 or more at bats)						
ab	hits	hr	rbi	avg.		
1. Jim Ayers	18	0	9	.562		
2. Max Smith						
3. Gary Potteiger	24	8	18	.452		
4. Barry Riddoch	22	3	16	.407		
5. Ralph Stalnaker	15	0	5	.394		
6. Jeff Radcliff						
7. Mark Stoner	19	2	7	.388		
8. Mike Machowsky47	18	5	19	.383		
9. George Baland	14	3	11	.378		
10. Warren Turnbaugh	18	5	11	.353		

# **Slo-Pitch Team From** NWC Enters MDISL **Tourney in Nevada**

The Mojave Desert Inter-Service League Slo-Pitch softball tournament got under way on Wednesday at Nellis AFB, Las Vegas, Nev. Representing NWC is a team of ball players, coached by Mark Ellis and managed by Rory Sanders, who left the Center on Tuesday.

A win by NWC could put them close to Norton AFB for the lead in the MDISL major sports category.

On the roster are Art Donaldson, Tim Strawmyre, Dale Dowd, Harper Thorpe, Ed Creer, Gary Meyers, Richard Owen, Paul Martin, Phil Bowen, Dave Taylor, Terry Mangrum, Lonnie Palmer, James Mc-Clellan and Jim Tyrrell.

The tournament will conclude this weekend.

### **Golf Championship Set**

Male members of the club are presently tuning up their game for a shot at the local club championship, set for the weekends o' Aug. 10-11 and 17-18. Local shotmaker, whose handicap is in the 0-11 range will tee it up in the championship flight.

All other golfers will be divided into two additional flights. These will be "A" Flight, for golfers whose handicap ranges from 12 to 16, and "B" Flight for the rest of the field.

Play on the first weekend (Aug. 10 and 11) will be stroke play, with the low four qualifiers in each flight to meet on Saturday, Aug. 17, in match play.

# Realignment Creates **New Naval Support** Activity Long Beach

formed in the Los Angeles- Long Beach area. The new Command Naval Support Activity also has been designated to replace Command Naval Base Los Angeles- Long Beach in serving as the COMELEVEN subarea coordinator over the geographical area and commands no longer in existence.

# Inc.

# August 2, 1974

## ROCKETEER

# **Talks Set on Effect**, Identification Of **Alcoholism Problem**

A series of three, hour-long talks on the effect of alcohol and identification of alcoholism has been scheduled next Thursday, Aug. 8, at the Naval Weapons Center. The speaker will be Fr. Joseph Martin, who is famous for his film about alcoholism that is entitled "Chalk Talk." So far. more than 1,200 NWC employees have viewed "Chalk Talk" as a part of the Center's alcoholism program.

The first talk by Fr. Martin is scheduled at 10 a.m. in the Management Information Center at Michelson Laboratory for an audience composed of top level and midlevel management personnel.

A repeat of this talk for all levels of Center employees will be presented at 1 p.m. in the Community Center's Panamint hall.

Fr. Martin also will return to the latter location for a third presentation of this same talk at 7:30 p.m. next Thursday. This time the program is open to all interested residents.

The talk by Fr. Martin is being offered as a part of NWC's Alcoholism Program, which has as its objectives to help supervisors retain valued employees, motivate employees to seek help, and refer employees to the appropriate resources for assistance. The speaker, ordained a priest in Baltimore, Md., taught in that city for 20 vears before putting in three years (1970-73) as an employee of the State of Maryland's Division of Alcoholism Control.

Since that time, Fr. Martin has been a consultant on alcoholism and been involved in freelance work-principally with the Armed Forces.

Effective this past June 30, the Naval Base Los Angeles-Long beach and Naval Station Long Beach were disestablished as a result of the shore establishment realignment plan that has been adopted by Chief of Naval Operations.

The Naval Support Activity Long Beach has been established effective July 1, 1974, under COMELEVEN as ISIC. The new command will be responsible for most of the residual functions carried out by the previously mentioned disestablished commands that must continue to be per-

# New PAO Officer... (Continued from Page 1)

the Center's Command Administration De-

partment at the time of his retirement from the Navy on June 30, 1972. Instead of leaving the local area following

his retirement, the ex-Navy officer, his wife and family moved to Ridgecrest, where they had purchased a home, and a month later he began work as assistant manager of the Ridgecrest facility of Texas Instruments,

In this job, which he has held until the present time, Mr. Parode has also served as TI's local head of manufacturing support engineering, in addition to being involved as a project engineer for TI's support of the AIM-9L program.

Mr. Parode has taken over duties similar in nature to those handled by Jim McGlothlin, the Center's former Public Affairs Officer, who is now the Weapons Development Department's head of staff, Code 4002.



MARINE CORPS OFFICIAL WELCOMED - Rear Admiral Rowland G. Freeman III, NWC Commander, extended a welcome to Major H. A. Franz (at right), who arrived here Monday from Marine Corps Headquarters in Washington, D.C., to direct a week-long USMC Officer Ordnance Symposium. At left is Major K. D. McCurry, ordnance officer assigned to the Marine Corps Liaison Office at China Lake, Maj. Franz heads a group of 37 Marine Corps officers from U.S. bases and installations and from throughout the Pacific. The purpose of this symposium. which has been held here annually for the past five years, is to review current weapon system technology, analyze progress and problems, discuss new requirements, and develop long range plans. All this is being done with the objective in mind of improving the effectiveness of aviation ordnancemen by providing improved equipment, procedures and training. -Photo by Ron Allen

# Major Step in ATIGS Program...

(Continued from Page 1)

System Integration Lab, the NWC engineers completely integrated the ATIGS in the lab and then took it quickly to the Naval Air Facility, where it was installed in a pod carried by a Corsair II A-7 aircraft. In a month's time from the date of its arrival here, it was ready for its first flight test.

Those who were teamed up with Francis in this rapid development were Lowell Paulsen, the flight test engineer; Charles Jones, sensor test engineer; Jim Takahashi, systems intergration engineer; Merritt Mullen, system engineer; Larry Levsen, system analysis engineer; Andy Hinz, subsystem development technican; Dennis Farrell, digital systems engineer; Ruth O'Neil, system simulation programmer; Louise Schlinkert, data reduction programmer; and Clarence Chumney, Honeywell field service engineer.

"Flight tests have shown that we have exceeded the performance requirement for the air-to-surface missile application, and have demonstrated a performance potential for strike aircraft navigation," Ball stated enthusiastically.

While the laser gyro has been under development for the past 10 to 12 years, it is now getting to the point where it is practical to apply to a weapon avionics system, the program manager continued.

ATIGS is in the experimental phase of

advanced development. Plans call for the Using the facilities of the A-7 Navigation fabrication of three more units for laboratory and field evaluation, in addition to the one that was received here in May.

Preliminary reduction of data obtained from early flights indicate a performance potential of two to five nautical miles per hour absolute radial error-an accomplishment considerably better than the requirements placed on ATIGS for tactical missile application and indicates a considerable potential for application as an aircraft navigator.

Systems performance limitations are primarily due to limitations on the capability of the ring laser gyros, Ball points out in a recently issued report. Although laboratory evaluations have indicated the potential for these gyros to provide a system capable of yielding one nautical mile per hour, this has not yet been achieved in the preliminary flight tests that have been conducted, Ball noted.

Extensive flight testing and a greater sample of ring laser gyros are still required for a more thorough evaluation, he added. The system reliability goal is 1,000 hours mean time between failure, the program manager advised.

Ball has concluded that ATIGS offers aircraft an advanced technology system that will aid considerably in holding aircraft avionics costs and physical characteristics to within desirable limits.



THIS VIEW OF the ATIG system, mounted on a test stand in the laboratory, shows two of the ring laser gyros, while a third is hidden out of view. The system also incorporates three accelerometers and an 8,000 word digital computer.

# Rec. Council... (Continued from Page 1)

addition, LCdr. Pete Rice offered his help to the committee for the duration of his tour of duty here, which is expected to end in September. Also involved in this additonal look at the fee schedule for use of recreation facilities will be John Shoaf, head of the Special Services Division, and William Shanahan, the Code 855 administrative

officer. In the discussion that took place regarding the recreation fee schedule, Cdr. Nygaard made the point that for physical fitness purposes, the Command has the responsibility for providing such facilities as the gym and swimming pool. "Their operation isn't expected to be carried out on a breakeven financial basis any more than is the use of office space," the Supply Department representative contended.

Les Saxton, a new member of the Recreation Council from Central Staff, called attention to the fact that schools and such groups as the Indian Wells Valley swimming team are allowed to use the indoor swim pool without charge.

Subject To Be Considered

Before another year goes by, serious consideration must be given to assessing schools and other groups a fair charge for use of the gym, pool and other recreation facilities, Cdr. C. D. Brown, chairman of the Recreation Council stated, while Shoaf expressed the view that Special Services programs should have first priority at the swimming pool when it came to considering either school or swimming team use of this facility

LCdr. Rice raised the question of whether or not active duty military personnel could be required to pay a fee for use of the swimming pool, but was assurred by Shoaf that this can be done. "But is it what we want to do?" the head of the Special Services Division asked?

"In the past, military men have always had the free use of both the swimming pool and the gym. The basis for this," Cdr. Nygaard noted," is the requirement that they remain physically fit.'

In other business taken up at the July 23 Recreation Council meeting, Shoaf reported on the organization of a club that will be in charge of operating the new skeet and trap range.

Because club members will be required to volunteer their time for both maintenance and operation of the range, they will get a break in the fees charged for use of this new facility. Members will be charged a firing fee of 60 cents, while non-members will pay \$1 per round, according to the fee schedule that was adopted.

**Decision Postponed** 

Continued until the next council meeting in September was a report on use of the two land sailers that were purchased last year by Special Services. Whether or not it is practical to continue repairing the land sailers is expected to be decided at that time

LCdr. Rice asked if there will be a flag football program in the fall. He was informed by Shoaf that even though the Mojave Desert Inter-service League has dropped this sport, if there is sufficient interest it will be included on the fall sports program.

At the present time, Wilton Wyman, the new supervisor of athletic programs and youth programs, is trying to determine if the interest in flag football is strong enough to warrant its continuation as a part of the local intramural sports program. All those in favor are asked to contact Wyman by calling Ext. 2334.

# Visit to China Lake Slated **By Social Security Agent**

A representative of the Social Security office in Lancaster will pay another in her regular series of monthly visits to China Lake next Wednesday, Aug. 7.

Persons wishing to apply for a Social Security number, or obtain information about seeking Social Security benefits, car do so at the Community Center between 8:30 and 11 a.m.

### Page Four

August 2, 1974

# **PROMOTIONAL OPPORTUNITIES** (Continued from Page 2)

The incumbent composes reproduction copy for any type of publication that is produced by the branch. In preparing reproduction the incumbent checks all elements of the report to be sure they conform to NWC style and format, including illustrations, tables, footnotes, table of contents, headings and cover. Checks classified report for security marking and performs editorial proofreading and copyholding, Minimum Qualification Requirements: As stated in the X-118. Job Relevant Criteria: Proficient in the use of the MTST machine. Knowledge of publishing techniques. Knowledge of scientific and engineering ter minology. Be able to deal successfully with a wide variety of people throughout the center in obtaining information and answering questions on Publications Division services.

Secretary (Stenographer), GS-318-6, PD No. 7353022, Code 53 - The incumbent supports the department head by performing the various secretarial duties, maintains his appointments, takes shorthand, receives and screens telephone calls, visitors and correspondence, disseminates nformation, etc. Minimum Qualification Requirements: As outlined in CSC Handbook X-118. Job Relevant Criteria: The incumbent must possess a high degree of tact and diplomacy due to the requirements of meeting and working with and through various types of personalities. The ability to work under pressure of deadlines. The ability to take shorthand is required.

File applications for the above with Pat Gaunt, Code 657, Rm. 212, Ph. 2371.

Supervisory Contract Specialist, GS-1102-13, PD No. 7425019, Code 2521 - This position is Head of the Procurement Management Branch, Supply Department. ncumbent provides technical and administrative direction through key subordinantes for the implementation and accomplishment of advanced procurement planning for major NWC contracts, including formulation, negotiation and completion of contracts. Develops policy guidelines for obtaining contracts, develops procurement plans embracing the entire procurement process; provides contract advice to management and provides pre-contractual liason between NWC and contracting offices. Minimum Qualification Requirements: As defined in the CSC Handbook X-118. Job Relevant Criteria: Ability to supervise. Thorough knowledge of procurement policy, techniques, administrative and legal requirements. Experience in a government procurement office; private / industrial procurement office or related fields. Training in business administration, law, accounting or related fields.

Electronics Engineer, GS-855-7 or 9, PD No. 7433061, Code 3335 - This position is in Fuze Project Branch V, Development Division I, Fuze Department, The incumbent plans and conducts experiments in electronic engineering for fact finding purposes, designs and develops conventional electronic equipment for guided missile proximity fuzes. Plans and conduct field or laboratory tests for technical and operational evaluation of fuze systems and sub-systems; modifies or adapts special test apparatus to obtain the required data. Minimum Qualification Requirements: As defined in the CSC Handbook X-118. Job Relevant Criteria: Ability to modify and adapt test equipment. Knowledge of integrated digital circuits. Ability to design integrated digital circuits. Experience or knowledge in microwave theory desirable.

Electronics Engineer, GS-855-5 / 7 or 9, PD No. 7250092, Code 3331 — This position is located in Fuze Project Branch I, Development Division I, Fuze Department, Incumbent designs and develops RF type proximity fuzes using the applications of digital circuit techniques. Performs basic investigation of fuze circuits to analyze their performance under prescribed environmental conditions. Plans and conducts field or laboratory tests for technical / ope ational evaluation of fuze systems and sub-systems. Minimum Qualification Requirements: As defined in the CSC Handbook X-118. Job Relevant Criteria: Knowledge or raining in digital and integrated circuit applications. (nowledge of microwave system operations and signal processing techniques

Electronic Engineer, GS-855-9 or 11, PD No. 7250056, Code 3335 - This position is located in Fuze Project Branch V. Development Division I, Fuze Department. The in cumbent designs and develops unique electronic systems and circuits for specific missile fuze applications; performs theoretical and experimental analysis of novel circuitry; and designs and correlates the development of test instrumentation. Serves as a consultant to industrial contractors and assists in laboratory and field evaluation tests. Minimum Qualification Requirements: As defined in the CSC Handbook X-118. Job Relevant Criteria: Knowledge of physics and electro-magnetic wave theory. Ability to plan and conduct a variety of measurements Ability to design and analyze solid-state circuits and radio requency systems

Supervisory General Supply Officer, GS-2001-12, PD No. 7425024, Code 259 - This position is Head, Material Division, Supply Department, Incumbent is responsible for planning, directing and evaluating the operation of the division's four branches: Storage, Receiving, Direct Support and Traffic. Incumbent is responsible for warehousing services, material receiving and inspection, storage, Issuance, delivery, and shipment for the Center. Serves as a consultant for Center management in all matters of material support. Minimum Qualification Requirements: As defined in CSC Handbook X-118. Job Relevant Criteria: Ability to deal effectively with Center management and contractor personnel. Knowledge of warehousing, storage procedures and regulations. Knowledge of traffic procedures and regulations. Ability to make effective oral and written presentations. Ability to manage through subordinate supervisors.

Supervisory Electronics Engineer, GS-855-13, PD No. 7433058 Am 1, Code 3331 - This position is Head, Fuze Project Branch I, Development Division I, Fuze Department. Incumbent plans, directs and coordinates through a staff of Engineers and technicians the analysis, design, implementation and assessment of novel fuzing techniques and modification of existing fuze systems. Incumbent acts as a consultant to other groups on the Center on related fuzing techniques and problems, and provides technical guidance to contractor personnel. Minimum Qualification Requirements: As defined in CSC Handbook X-118. Job Relevant Criteria: Experience in fuze systems design and analysis. Ability to manage and coordinate the efforts of cientists and engineers engaged in missile sub-systems development activity. Ability to deal effectively with Center management, NAVAIR systems managers and ontractor personnel. Technical knowledge of microwave nfluence fuzes for guided missiles.

Laborer, WG-3502-3, JD No. 155-2, 2 vacancies, Code 25911 - Performs number of tasks in connection with the physical receipt, storage or issue of supplies. Receives, hecks, stows, counts, issues and assembles supplies of all ypes in accordance with established supply systems,

Requirements: As defined in CSC Handbook X-118C. Purchasing Agent, GS-1105-4, PD No. 7425025, Code 2523 - This position is located in the Contract Services Branch, Procurement Division of the Supply Department, As a purchasing agent trainee, the incumbent is responsible for a limited range of purchases of standard commercial items and services. Quotations or offers are generally solicited by telephone. Incumbent is responsible to assure that the contract file contain adequate documentation to justify his urchase actions. Minimum Qualification Requirements As defined in CSC Handbook X-118, Job Relevant Criteria: Must be knowledgeable in one or more small purchase methods and the basic techniques of formal contracting. Ability to deal with a wide variety of persons, establishing and maintaining good relationships. Advancement Potential: To Purchasing Agent, GS-7.

procedures and methods. Minimum Qualification

File applications for the above with Claire Lewis, Bldg. 34, Rm. 212, Ph. 2371. Physical Science Technician, GS-1311-5/6 or 7, PD No. 7445050, Code 4541 — The incumbent assists chemists and other professional personnel in the branch in preparing formulations, evaluating their characteristics, and maintaining the necessary equipment / supplies. The work involves applied research and is largely nonrepitive in nature. Minimum Qualification Requirements: As defined n CSC Handbook X-118. Job Relevant Criteria: Experience in the combined fields of laboratory work, instrumentation and explosives handling / testing. A good basic knowledge of chemistry, mathematics and mechanics. Ability to

apply fine manipulative techniques in the various

assignments. Promotional Potential: To the GS-9 level. Chemist, GS-1320-12, PD No. 744501, Code 4541 - The ncumbent will be responsible for the theoretical investigations of a variety of problems in chemical engineering. With minimum supervision, he/she will design and carry out the fruitition experiments to aid new explosive formulation programs; he / she will be assigned work in the design, construction, installation and testing of explosive processing. Minimum Qualification Requirements: As defined in CSC handbook X-118, Job Relevant Criteria: Bachelor's degree in Chemical Engineering or Chemistry. A thorough knowledge o military explosive. Knowledge of physical and chemical operations on explosive chemical products.

File applications for above with Mary Morrison, Code 657, Rm. 210, Ph. 2393.

Clerk-Typist, GS-322-3 or 4, PD No. 7465017, Code 658 -This position provide typing and clerical support to the Personnel Assessment and Organizational Development Division of the Personnel Department. Assists in data collection and compilation; schedules and administers tests; establishes and maintains filing system for books and articles. Minimum Qualification Requirements: As defined in CSC Handbook X-118, Job Relevant Criteria: Familiarity with the vocabulary of the social sciences. Familiarity with NWC clerical procedures

Clerk-DMT, GS-316-3 or 4, PD No. 7135064, Code 3542 -This position is branch secretary for the Microwave Systems Branch. Incumbent will type from rough draft. handwritten, copy or dictaphone all types of letters, charts, memoranda, official correspondence, reports and forms. Miscellaneous duties will consist of answering phones placing and receiving long distance calls, receiving visitors, arranging for travel for members of the branch, keeping time cards, sorting and distributing mail and other duties required to maintain an efficient office. Job Relevant Criteria: It is desirable that the incumbent be proficient in operating on a IBM magnetic card typewriter nd have a working knowledge of engineering terminology Qualification Requirements: GS-3, one year of genera clerical experience; GS-4, one year general and one year pecialized clerical experience. Advancement Potential

Clerk (Typing), GS-301-3 or 4, PD No. 7230008, Code 35503 - This position is located in the office of the Associate Head for Surface Threat Development, Countermeasures Division, Electronic Systems Department. The incumbent acts as receptionist; maintains branch files; types official correspondence, informal memoranda, travel orders, itineraries, routine branch forms as required, etc. Keeps timekeeping records and is responsible for the weekly submission of time cards. She provides all clerical and typing support required and performs other miscellaneous duties as needed. Minimum Qualification Requirements: As defined in CSC Handbook X-118. Job Relevant Criteria: Ability to operate IBM Magnetic Card Typewriter (MCST). Ability to get along with others in work group. Ability to type efficiently and accurately File application for the above with Sue Prasolowicz

Bidg. 34, Rm. 208, Ph. 2577.

Electronics Engineer, GS-855, or Mechanical Engineer GS-820-11 or 12, PD No. 7440141, Code 4041 - This position is located in the Guidance and Navigation Branch of the Weapons Development Department. The incumbent is responsible for design, analysis and verification of software for military onboard weapon control computers. He will develop techniques for evaluation of mathematical models, analyze the guidance or control requirements, develop performance criteria, synthesize the guidance or control system to meet requirements and evaluate their performance using analytical, computer and / or experimental techniques. He will be required to relate those concepts and techniques to guidance and control systems being developed in the branch. Minimum Qualification ements: As defined in CSC Handbook X-118. Job Relevant Criteria: Must be able to code by FORTRAN language and be capable of assembly language programming for large and small scale digital computers Must have at least one year experience in Modern Control Theory (optimal control, optimal estimation, stochostic processes). Must be able to relate theory to practical ingineering problems.

Electronics Engineer, GS-855-12, PD No. 7440142, 2 vacancies, Code 4041 - This position is located in the Guidance and Navigation Systems Branch of the Weapons Development Department. The incumbent conducts analysis of aircraft avionic systems, defines systems and sub-systems to meet requirements, performs preliminary systems design, plans aircraft flight tests and evaluations, and participates in program planning. Minimum lification Requirements: As defined in CSC Handbook X-118, Job Relevant Criteria: Must have understanding to flight test instrumentation and requirements. Must have a basic knowledge of guidance and navigation.

Supervisory Firefighter, GS-081-6, PD No. 784009, Code Security Department. Incumbent is chew chief of the deadlines under pressure; reliability and dependability crew in operation of fire equipment and all phases of fire notes; ability to prepare and maintain financial records in fighting and directing the fighting of fires in absence of ledger format.



SEABEES LEND HELPING HAND - Looking ahead to the coming basketball season, when there will be heavy pressure on the use of the Center gym, preparations are going ahead to convert the former Shopping Bag annex into a youth gym. As part of a Self-Help project, a group of 10 Seabees from the U.S. Naval Support Force Antarctica spent the past two weeks here installing plywood sheeting to form the interior walls of the new youth gym facility. The visiting Seabees also added onto the block wall being erected at the site of a mobile home park for military personnel located on Princeton St.

# Antarctica Force Seabees Help Out Here

Ten Seabees-members of the U.S. Naval enclose an area large enough for another 11 Self-Help projects at China Lake.

From Antarctica to the upper Mojave Desert is quite a change of environment, but Class David Baughan, seemed to take it in stride

Part of an advance party of approximately 100 personnel from the Naval Support Force Antarctica that was sent here from Port Hueneme, the group will be returning to the Construction Battalion Center upon its departure from NWC.

While here, the Seabees installed plywood sheeting on the interior walls of the former Shopping Bag Annex, which is being converted to a youth gym for basketball and other indoor sports

In addition, more work was done on a concrete block wall that is being erected to officer, reported.

higher authority. Minimum Qualification Requirements As defined in CSC Handbook X-118. Job Relevant Criteria: Must have knowledge of fire fighting procedures and v to train others in fire fighting procedures. Must be able to provide leadership to a fire fighting crew and have knowledge of the physical layout and structures of the Naval Weapons Center. This announcement will be used to establish the promotion register for Firefighter GS-081-6, which will remain in effect until January 1975. File applications for above with Charlotte Sieckowski,

Bidg. 34, Rm. 204, Ph. 3118. Payroll Clerk, GS-544-2 / 3 or 5, PD No. 7117016-2, Code

1764 - Performs routine research of payroll records to correct leave data; prepares changes to employee's earnings, deductions and leave factors; prepares reports of leave availability, leave transfers and earning statements. Minimum Qualification Requirements: As defined in CSC Handbook X-118. Job Relevant Criteria: Knowledge of payroll / leave regulations; working knowledge of data processing ; experience and / or training which demonstrates arithmetic aptitude and ability to contend with intricate detail in compiling data

Fiscal Accounting Clerk, GS-501-3/4 or 5, PD No. 6917032, 2 vacancies, Code 1765 — This position is located in the Fiscal, Pay and Bond Section of the Disbursing Branch of Central Staff. This section is involved in functions relating to the collection and disbursement of funds and issuance of savings bonds and notes. The incumbent is responsible for maintainging ledgers and preparing reports that pertain to checks, bonds and notes. The incumbent also prepares all checks paid by the Disbursing Branch and prepares vouchers for each civilian payrol Minimum Qualification Requirements: As defined in CSC 842 - This position is located in the Fire Division of the Handbook X-118. Job Relevant Criteria: Ability to meet major piece of motorized fire fighting apparatus and its knowledge of government regulations pertaining to the crew. Duties include answering fire alarms, instructing preparation / issuance of U.S. Treasury checks, bonds and

Support Force Antarctica-will be leaving units at the trailer park for military perthe Naval Weapons Center on Monday after sonnel on Princeton St. Also, as a part of this putting in two weeks lending a hand with two job, granite was hauled in to form the subbase for a road at the mobile home park.

The Naval Support Force Antarctica, which is responsible for providing and the local contingent, headed by Builder 1st coordinating logistical support for U.S. activities on the Antarctic continent, is presently headquartered at Davisville, R.I. In the spring of 1975, at the end of its current deployment, this special force is

scheduled to move its headquarters to Port Hueneme. Navy Exchange Slates

# **Beauty Consultant Visit**

A Max Factor beauty consultant will be available on Monday and Tuesday at the Navy Exchange Retail Store.

The consultant will be on hand to assist patrons during the store's regular hours of operation, Lt. E. N. Smith, Navy Exchange

Voucher Examiner, GS-540-3 or 4, PD No. 817035 and 817034-1, 2 vacancies, Code 1765 - These positions are located in the Public Voucher Section of Central Staff. lasic functions performed relate to settlement of trav claims for Center Military and Civilian personnel. In cumbents will examine, audit, determine eligibility for payment of expenses and compute entitlements on travel claims, etc., presented for payment. Will also aid travelers in preparation of their iteneraries. Supervisory advice and instructions are readily available on more difficult vouchers. Job Relevant Criteria: Ability to type efficiently and accurately; ability to get along with others in work group, ability to work rapidly and accurately; reliability and dependability. Minimum Qualification Requirem As defined in CSC Handbook X-118. Promotion Potential: To GS-5.

File applications for the above with Elizabeth Sodergren, Bidg. 34, Rm. 206, Ph. 2676.

Assistant Technical Director of Surface Missiles and Head, Surface Missiles Department, 10 USC 1581, up to \$36,000 p / a, Code 31 - Guides, directs and coordinates the development and administration of Navy Anti-Ship Missile Defense Programs and all R&D phases for NWC's Surface Systems and related programs. Responsibility includes the formulation of program plans formulation of program plans from inception to Fleet introduction. Serves as a consultant and a member of the Center's top management Supervises a workforce in excess of 210 employees that includes 16 program managers or major project engineers. Job Relevant Criteria: Requires demonstrated ability to plan, organize, direct and coordinate R&D programs o major importance. Knowledge and experience in the fields of electro-optical, electro-mechanical and electronic systems, radar and fire control as it applies to surface weapon control and remotely piloted vehicle control required.

File applications for the above with Head, Employment-Wage and Classification Division, Code 652.



Too often in any community there are Vanderwerf, who will be coordinators; matter of transportation, or someone to talk

off '

Called "We Care," the group's idea is to "cut red tape and make it easy for the people of our community to get help." The organization is currently seeking active volunteers. Already lined up are Judy Parmenter, Mildred Carroll and Marianna

The price of admission is \$7.50 per person sing NWC ext. 3633 or 3634.

Dancing will be from 9 p.m. until 10 and then Auntie Becky, a perennial favorite, will take over until 11 o'clock. Afterward, dancing will resume until 1 a.m. All members of the CPO Club are invited

An authentic Polynesian menu will be served, along with prime rib. "That's for those who aren't too crazy about Polynesian menus," Barney explained.

to attend, with their guests. "But get your tickets early," Barney warned again.

day, Aug. 17.

they are going fast," Barney said. and reservations for tickets may be made by

August 2, 1974

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SAILOR OF THE MONTH AT VX-5 - AE1 Phillip G. Gilbert (r.), is shown receiving a plaque from Capt. E. M. Crow, Commanding Officer of Air Test and Evaluation Squadron Five, after being designated VX-5's "Sailor of the Month" for July. AE1 Gilbert, who is a veteran of six years in the U.S. Navy, has been at VX-5 for the past three years. He is a maintenance crew leader in the Electronics Shop. He and his wife, Sandra, and their three children, live in Ridgecrest.

# Helping Hand in Time of Need Is Purpose of 'We Care' Group

Even in a small, close-knit community like China Lake, some people feel alone. The large service organizations, such as Red Cross and Navy Relief, try to fill this gap,

but they are limited in some areas. A group of women in the Indian Wells Valley has banded together to form an organization that will, in the words of publicity chairman Rose Varga, "take over where the established organizations leave

# South Sea Islanders Will Be Featured At CPO Club Lugu

Auntie Becky and her South Sea Islander group will raise more than sugar cane at the Chief Petty Officers' Club Luau on Satur-

However, George Barnard, club manager, states that only the quick and prompt will get to see her antics. "The club will be closed and entry will be by ticket only, and

people who find themselves unable to solve a Charlotte Braitman and Mrs. Varga, basic problem. This could be simply a publicity and recruiting; Mrs. Vanderwerf and Alice Dubin, chairpersons; Corrinne Torrance, secretary, and Audrie Brickson, treasurer

Mickey Strang and the Rev. Cal Torrance are available for counsel on legal matters. Louise Mitchell and Menie Farris will be assisting Mrs. Dubin on formulating goals and philosophies for the group.

Some of the services to be offered will include transportation for those who need it. whether it's to the beauty parlor, or the doctor. "The whole idea is to be a good neighbor, a real friend," said Mrs. Varga. The numbers to call for more information.

or to offer services as a volunteer, are 375-4312, 375-9558, 446-3641, and 446-3939.

blushed. They were married in 1956.

In addition to young James, the couple has three other children. They are Carolyn, 14, Evelyn, 12, and Timmy, 8. Jim has followed the eldest boy's career in Little League, basketball and Scouts avidly. He has basketball team. In addition, he coached the Jim was also an assistant scoutmaster when



NAVY LEAGUE OFFICERS INSTALLED - A slate of new officers, headed by Michael Molner, as president, was installed during a dinner meeting held last week at the Chief Petty Officers' Club. M. C. Carlson, of Inyokern (at right) a national director of the Navy League, is shown as he administered the oath of office to (from left) Jack Strayer, secretary-treasurer; Joan Taylor, 2nd vicepresident; Molner, the president; and Dr. L. W. Stevens, judge advocate. One other new officer, Ralph Todd, the 1st vice-president, was unable to be present for the occasion. Capt. R. D. Franke, NWC Deputy Commander, was the featured speaker of the evening. In his remarks, he pointed out the high regard Navy officials have for the Navy League, whose nationwide voice is one that members of Congress listen to when Navy League spokesmen advocate sound reasons for maintaining a strong Navy. -Photo by PH2 D. W. Yeatts

# Employee In The Spotlight

"That Jim is so busy that if I have something important to discuss with him, I have to make an appointment," says Thelma Lewis.

Her husband, Jim, a welder in the Shop Branch of the Engineering Department's Mechanical Division, just naturally seems to volunteer for things. Thelma, a clerk with Code 55402, shook her head. "I found him early and started a family soon, otherwise, I don't think we'd have had time for one," she sighed.

Jim was born in Crystal Springs, Miss., but was graduated from Campbell High School in Jackson. He attended Wiley College, Marshall, Tex., then joined the U.S. Marine Corps in time to fight in the Korean Conflict. Following his discharge, he went back to college and completed his third year. "That was at Howard University in Washington, D.C.," Jim said. "But, by that time. I was married and a family was on the way, so I quit school to go to work," he continued.

Jim started his Civil Service career in 1957 with the Naval Gun Factory, Washington, D.C., and stayed there for four years. In 1961, he came to China Lake and went right into Code 5545. He's been there ever since.

Jim has received a number of Quality Step Increases and Achievement Awards for his work. "Been through a bunch of job title changes, too," he said, "but I've never left the Code.'

Thelma, who hails from Sumter, S. Car., was graduated from Dumbar High School, in Washington, D.C. She attended the District of Columbia Teachers' College for a year, then went to work for the Civil Service Commission as an investigator. She met Jim in 1955 while the two of them were attending the same church. "The roof literally fell on us, 'cause it was love at first sight," Thelma

Thelma continued to work for the CSC until 1959 when James H. the Second started on the way. She returned to the work force in 1971 as a WAE and moved into her present position in July 1972.

coached and acted as scorekeeper and agent for the Little League, and for Jimmy's Yankees, a girls' softball team, that both Carolyn and Evelyn were members of. Thelma has worked with Girl Scouts and



**James and Thelma Lewis** 

young Jimmy was a Cub Scout.

Jim's community involvement is practically legion. He is a past president of the Indian Wells Valley branch of the National Association for the Advancement of Colored People (NAACP), and has been with the organization since 1963. In addition, he has served as treasurer and membership chairman of the group.

He is currently a member of the Kiwanis Club of Ridgecrest's board of directors and is chairman of the club's spiritual aims committee, and chairman of the Kiwanis Youth Festival. He also serves as a member of the Ridgecrest Advisory Committee on Regional Parks, and is a parent advisor to Murray School for the PTA.

"I've been an officer and member of PTA since 1965 and consider it one of the really worthwhile organizations around," Jim commented. In line with that, he is a member of the Sierra Sands Unified School District's goal setting committee. He also sits on the board of directors of the Salvation Army locally.

At NWC, he was a member of the Equal Employment Opportunity Committee for four years (1968-1972).

Both Jim and Thelma have been quite active with the Ridgecrest United Methodist Church. Thelma taught Sunday School there for more than 10 years, while Jim has also been a teacher for a number of years. In addition, he is president of the Methodist Men's organization, chairman of the church's board of trustees; chairman of the worship committee; has been lay speaker for the congregation; sings in the church choir; is a member of the church's board of education, and has been the lay leader for church services.

"I type the church letter published twice a month and feel like I've accomplished quite a bit, but it's nothing compared to his contributions." Thelma said proudly about her husband

Thelma is a past chairman of the United Methodist Women's Working Circle, which performs missionary work, and has also been a member of United Way of Indian Wells Valley.

She sews, makes most of her own clothes. and enjoys going to plays and concerts. She also plays the piano for her own amusement.

"When I have time," Jim said with a giggle, "I enjoy working on my own automobile and upholstering furniture. I sew, too. In fact, I made Jimmy's first suit and I make most of my own shirts. "That's enough," Jim concluded with a

sigh.