

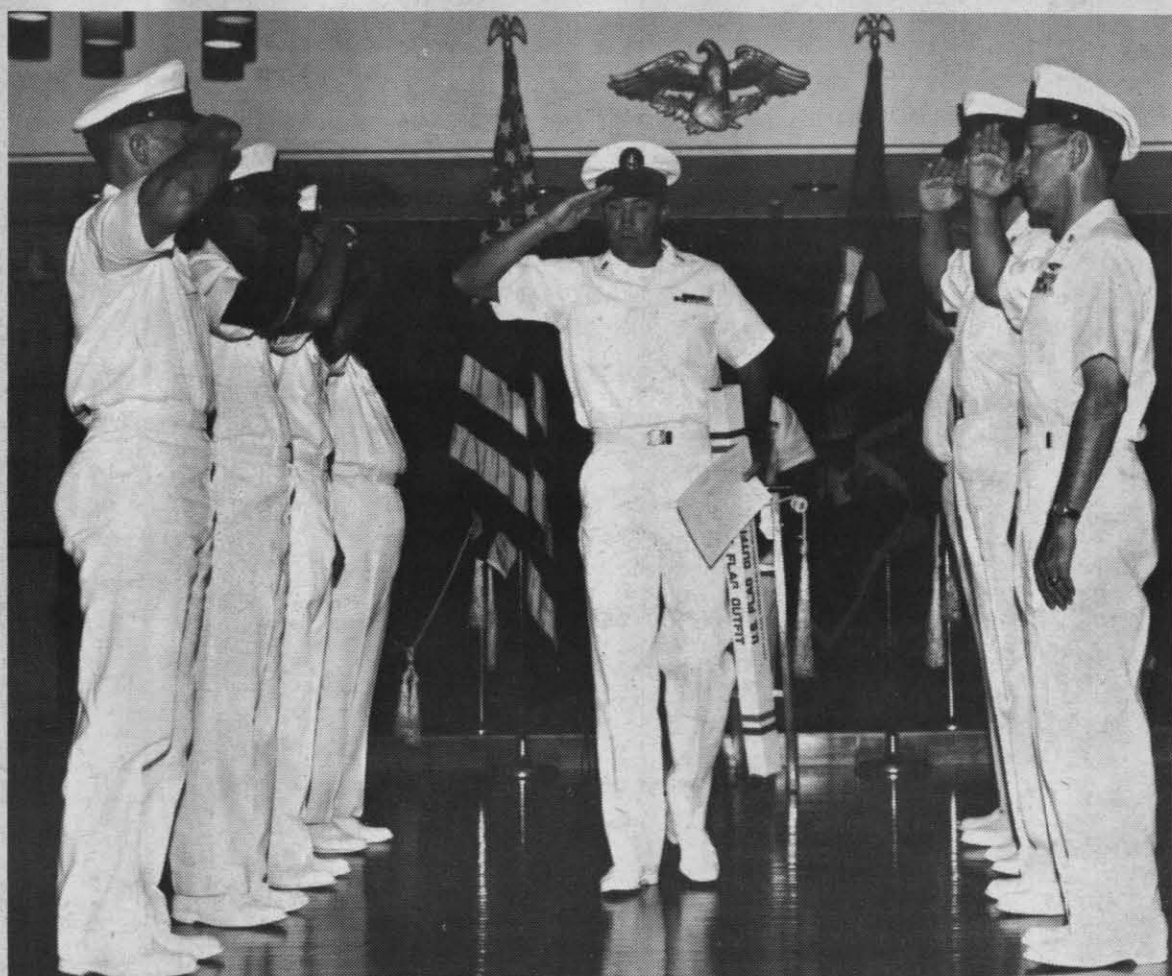
Chairmen Roster For Fleet Reserve Ladies Presented

Lenore Edwards, newly installed president of Unit 95, Ladies Auxiliary of the Fleet Reserve Association, announced committee chairmen for the coming year at the first regular meeting under her administration, August 10, in the FRA Clubhouse, 365 McIntyre, China Lake.

Appointed good and welfare chairman in connection with her duties as chaplain was Beatrice Jackson. In charge of membership is Vice - President Moneta Terrebonne. Rose Thompson will continue as historian, and Shirley Schneider as sergeant-at-arms and publicity chairman. Chairwomen of audit and finance will be Junior Past - Treasurer Verena Wheeler; of Americanism, Junior Past-Secretary Grace Driver, and of Unit activities, Past-president Nancy Bizon.

Mrs. Edwards will herself succeed Junior Past - president Dorothy Stands as alternate to Delegate George Schneider on the Desert Empire Fair Advisory Council of Clubs. Gene Schneider was named permanent proxy on the Council, and also assumed the post, an innovation this year, of telephone chairman.

Chief Bids Farewell After 20 Years



20-YEAR CHIEF RETIRES — FTCM L. D. Burton receives honors from his shipmates at the CPO Club as he retires from 20 years of active service. He has had two tours at NOTS, coming for the first time to what is now Code 30's Radar Branch, then Guided

Missiles Unit 25, in May, 1957. He and his wife Doris have three children, Cheryl, 18, starting at Bakersfield College Extension this fall; Larry, 16, a junior at BHS; and Robin, 7, attending Vieweg School. The Burtons plan to stay in the Indian Wells Valley.

Big Box Social Is Annual Event For Museum Club

The annual Friends' Fun Frolic is set for Friday night, August 26, at the home of the Kenneth H. Robinsons, 3 Sage Place, China Lake. This year the Friends of the Museum are inviting their friends, male and female, to take part in an old-fashioned box social, complete with background music, com-

munity singing, open air games and country dancing. The event starts at 7 p.m. Barbara Sewell, chairman, reminds anyone who has not attended this type of an affair that the ladies bring a supper for two in an attractive box or basket and the gentlemen bid at auction for one of the box

lunches. With the lunch comes his dinner partner, the maker of the mystery package. Tap beer and soft drinks will be on sale. Further information may be obtained by calling the Museum, NOTS ext. 723683 or Mrs. Schneider, FR 5-4291.



LT. DENNIS P. THOMPSON has recently arrived at the Station Hospital as its new surgeon, and is today a one-month veteran of Navy service. A native Chicagoan, Lt. Thompson is a graduate of the University of Illinois. He is a musician as well as a doctor and enjoys the percussionist's role. He and his wife Virginia and their children, Laura, 4, and Victoria, 1, now make their home at 1818-B Young Circle on the Station.

Burroughs School Counselors Will Begin Duty Soon

Burroughs High School Counselors will be on duty from 9:00 a.m. to 3:00 p.m. starting August 24th and continuing through August 26th, according to Lloyd E. Lundstrom, Assistant Principal.

High School students new to the area should go to the High School offices for initial registration and program planning during the above date. Program schedules will be mailed to all students who are registered for the 1966-67 school year.

Students who must have program changes made because of Summer School courses or program conflicts are urged to see their counselor during these days.

Incoming freshmen are reminded to return their completed physical examination forms to the Nurses Office at the High School as soon as possible.

There are two reasons for the proverbial persistence of fishermen. The first is that the fish are biting; the second is that they are not. Either is sufficient justification for fishing a little longer.

SHOWBOAT

FRIDAY AUGUST 19

"HEROES OF TELEMAR" (131 Min.) Kirk Douglas, Richard Harris 7:30 p.m.

(Adventure in Color) Filmed in Norway during winter, this tells of two Norwegian resistance fighters, their attempts to elude the Nazis and destroy a heavy water plant (used for A-bombs). Swish through the northern Alps along narrow ledges at breakneck speed and thrill to suspenseful sabotage. DON'T MISS THIS ONE! (Adults and Mature Youth.)

SATURDAY AUGUST 20

—MATINEE—

"SNOW WHITE AND THE THREE STOOGES" (107 Min.) 1:00 p.m.

Shorts: "Crossing the Delaware" (7 Min.) "Radar Men No. 11" (13 Min.)

—EVENING—

"I'D RATHER BE RICH" (95 Min.) Sandra Dee, Robert Goulet, Andy Williams 7:30 p.m.

(Comedy in Color) Dying Grandpa asks to see his granddaughter and her fiancée, but his plane is delayed and she substitutes a handsome stranger—then Grandpa takes a turn for the better. Mixed up identities, top cast, several songs. (Adults, Youth.)

Shorts: "Mucho Loco" (7 Min.) "Ride the White Horse" (10 Min.)

SUNDAY-MONDAY AUGUST 21-22

"THE SINGING NUN" (96 Min.) Debbie Reynolds, Ricardo Montalban 7:30 p.m.

(Musical/Drama) A warm, appealing story of a modern Nun whose songs, when recorded, become a conflict in the simple life she chose for herself as they skyrocket in popularity. It's all Debbie—and a wonderful story too. (Adults, Youth.)

Short: "Just Wild About Jerry" (7 Min.)

TUESDAY-WEDNESDAY AUGUST 23-24

"THAT MAN IN ISTANBUL" (117 Min.) Horst Buchholz, Silvia Koscina 7:30 p.m.

(Comedy/Spy Drama in Color) Night club owner playboy hasn't a care in the world until a pretty female FBI agent lures him into a hunt for a kidnapped scientist and a million dollar reward. The kooky mad-cap winds up being wanted by BOTH sides as he foils the villains and romances his way with scads of pretty girls. First rate. (Adults.)

THURSDAY-FRIDAY AUGUST 25-26

"BOY DID I GET A WRONG NUMBER!" (99 Min.) Bob Hope, Elke Sommer, Phyllis Diller 7:30 p.m.

(Comedy in Color) Pretty film sex-kitten gets tired of Hollywood and runs away to a small town where happily married Bob gets embroiled in her escapade as he tries to hide her. Elke in a bath towel and Hope in a jam! Diller is the zaniest housekeeper you'll ever see. It's a LAUGH RIOT ALL THE WAY! (Adults and Mature Youth.)

Short: "Pink Panther" (7 Min.)



"DON'TCHA KNOW SMOKING MAY BE HAZARDOUS TO YOUR HEALTH"

Form with fields for 'From', 'TO', and a 'PLACE STAMP HERE' box.



JOHN PEARSON, Head of the Detonation Physics Division, Research Department, will present an invited paper at the International Symposium on High Energy Rate Forming to be held in Prague and Brno, Czechoslovakia, 12-16 September, under the auspices of the Czechoslovak Scientific and Technical Society. Pearson's paper will discuss the "Development of Explosive Metalworking in the United States," a field which he has pioneered during the last 15 years.

Physical Exams Will Be Offered Students Here

Physical examinations for China Lake Navy dependents headed for school this coming fall semester have been scheduled for Thursday, August 25 for the girls and Friday, August 26 for the boys.

The exams will be held at the Station Hospital on the above dates from 9 to 10 a.m. for the Elementary Grades; 10 to 11 a.m. for Junior High and High School and 11 to 11:30 a.m. for the College Entry Physical.

Students not examined on these dates will be seen by appointment only. Parents should assure that proper forms are completed prior to the physical examination.

At the time of the physical, parents are also encouraged to inquire about the measles vaccine if their children have not had the "hard" or "seven day" measles or have not been previously immunized.

YN-1 Lloyd H. Gilbert Is August 'Bluejacket'

NAF's Administrative Office Supervisor, YN-1 Lloyd H. Gilbert, has been chosen to represent NOTS in August as Bluejacket of the Month. He has worked in NAF administration for his three years here, and is a 17-year veteran of Navy service with honors from Korean War action to his credit.

Lloyd is a native of Honolulu, Hawaii, and now calls Redondo Beach his home town. He and his wife Marilyn have three children, John, 10, Paula, 8, and Lydia, 2. John and Paula attend the Desert Park School near their home at 305 Robalo Street.

Lloyd's Navy career began

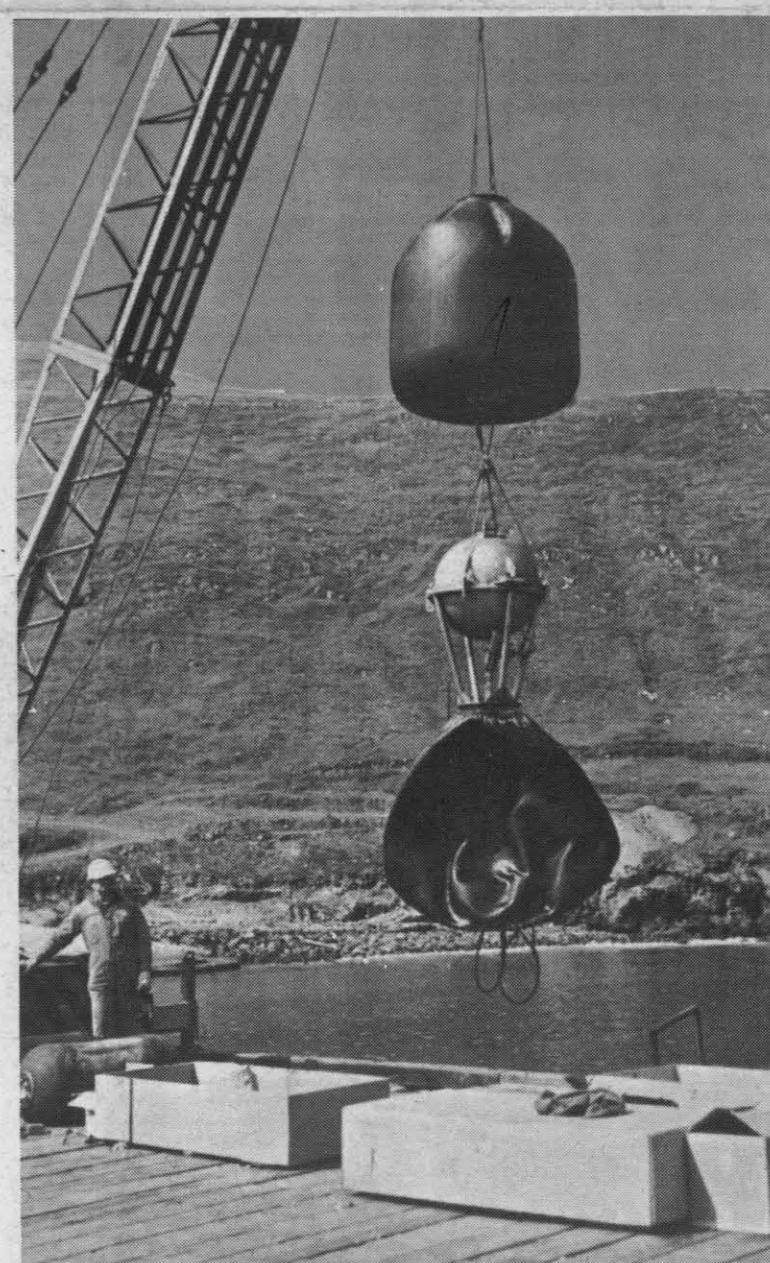
ROCKETEER FROM UNDER THE SEA TO THE STARS. Vol. XXI, No. 33. Naval Ordnance Test Station, China Lake, California. Fri., Aug. 19, 1966.

Recovery of Deep Submersibles Seen With New Development



Photo by PH3 Jerry Willey

HEART OF SYSTEM — Discussing mechanics of hydra-zine gas generator, heart of NOTS' new idea in deep water recovery, are Jay Witcher (l) and Leroy Krzycki (r). Witcher is program manager of underwater projects in Code 4582; Krzycki is branch head. Witcher says generator offers potential for systems and swimmer propulsion, powering underwater tools, as well as for recovery.



TESTING RECOVERY SYSTEM — Workers at San Clemente Island prepare to lower underwater recovery system for shallow depth tests. System consists of oil-filled bag (top) to give system neutral buoyancy, hydra-zine gas generator and fuel tank (middle), and buoyancy lift bag (bottom). Lift bag fills with generated gas in recovery, when system is underwater (and inverted from position above).

Buoyancy Bags Lift Two Tons From Half Mile

The recovery of large objects, such as small manned deep submersibles, is now within the realm of possibility as a result of recent developments by Propulsion Development Department engineers.

Using flexible rubber buoyancy bags, NOTS engineers were recently successful in a free-ascent lift of 4,000 pounds from a depth of 2,800 feet off San Clemente Island. Sea water in the lift bag was expelled at recovery depth by gases generated by a unique gas generator employing the catalytic decomposition of hydrazine-based fuel.

The work is being performed in the Liquid Propulsion Division's Engineering Applications Branch. Duane H. Williams heads the recently formed division.

Leroy J. Krzycki, Branch Head, said in addition to the deep-ocean work, the Branch is actively involved in rocket propulsion for the Condor missile. Krzycki indicated that engineers, sharing the same office, deal with environments ranging from crushing pressures of 10,000 pounds per square inch at 20,000-foot ocean depths to missile aerodynamic heating from high-speed flight at 40,000-foot altitude.

Witcher Program Manager Jay Witcher, program manager of underwater projects in the Engineering Applications Branch, said that the hydrazine gas generator offered potential for deep submersible propulsion, swimmer propulsion and for powering underwater tools, in addition to buoyant recovery.

The hydrazine decomposition process is easily controlled, and on-off and throttling operations have been demonstrated. The temperature of the particle-free generated gas is controlled by the physical dimensions of the reactor chamber, and by the dilution of the hydrazine fuel with other liquids, therefore gas temperatures from 200 to 2,000 degrees (Continued on Page 5)

Table with columns for 'Aug.' dates and 'Max. Min.' temperatures.

CROSSWORD PUZZLE. Includes ACROSS and DOWN clues and a grid.

NOTS Pasadena

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A CONTINGENT OF INSTRUCTORS from the Fleet ASW Tactical School, San Diego, spent a day at NOTS Pasadena last week, to discuss current projects. Hosted by Cdr. H. H. Schleuning, Jr., NOTS Pasadena Technical Officer (seated 5th from left); the visitors were also accompanied on station tour by Cdr. E. S. Wallace, Assistant Technical Officer (Air), (standing left); and Lt. W. J. Leonard, Assistant Technical Officer (Sub-Surf.), (standing right). Visitors seated at table are (l-r) Lt. E. E. Killinger, Lt.(jg) R. Luke, Lt. B. L. Seaton, Lt. N. C. Barr, and Cdr. P. C. Kochie, Training Officer.

Three Top Teams Are Fighting To The Finish

BY RAY HANSON

Of course you would believe that only one and a half games separate the top three teams in the NOTS summer bowling league. It's been like that all season, and it will probably be that way until completion of the last night of league play, two weeks hence.

The Channel Kats are in first, having won 41.5 and lost 22.5. The Paper Tigers have a 40.5-23.5 record in second, while the UFO's are third with 39 and 25. Perhaps they should change their names to the Pirates, the Giants, and the

Dodgers. They're so close, that if it rained they could all hide under a tortilla. Or perhaps they'll finish in a three-way dead heat. All agree it would be a good joke on the trophy chairman. Or perhaps they'll just flip coins for the brass-work.

High scores for the 16th week are as follows: team series, the Late Four, 2380; team game, Jacks and Better, 837; men's series, Bob Yauney, 627; men's game, Lyle Emerick, 236; women's series, Dory Aitchison, 651; women's game, Norma Sayre, 240.

PROMOTIONAL OPPORTUNITIES

To apply for positions, contact Christine Marchand, Pasadena Personnel Division, Extension 492. A current SF-58 must be submitted when applying.

Electronic Engineer, GS-12, Code P8054—Incumbent will perform electronic engineering duties related to the design, development and operational support of surface ship ASW Fire Control Systems, specifically, Fire Control Computer, associated equipment and their interface with other surface ship ASW equipments. Applicant must have knowledge of operational ASW systems equipment.

KNX Interviews Cdr. Schleuning

Cdr. Henry H. Schleuning, Jr., was featured on the KNX "Firing Line" interview show last week on the subject of "The Future of Oceanography."

The hour-long show is participated in by questions from the radio audience.

During the interview, by KNX's Boyd Harvey and Bob Ferris, Cdr. Schleuning received only complimentary calls, discussed the NOTS use of CURV at Palomares, Spain, and gave the listeners a brief description of the important work being accomplished by the Navy Department at its many scientific laboratories.

Specifically, he spoke of past and present projects of NOTS and NOTS, Pasadena, in the various geographical locations.

Traveled the same route so much that you can almost follow it without thinking? Don't! Changes take place overnight. One-way streets become two-way. Speed limits are revised. Detours disrupt the normal flow of traffic. Don't be an automatic driver. Stay alert for changes along your route.



JEFF FLANNERY, 19, from San Marino (center), is congratulated by Pasadena Sea Cadet Chairman Cdr. C. W. Doby, USNR, for his promising naval career. Cdr. H. H. Schleuning, Jr., NOTS Pasadena Technical Officer (l), joins in the festive occasion. Jeff, a former Pasadena Sea Cadet, has now completed his first year at the U.S. Naval Academy and was here this summer for a seven-week midshipman cruise on the USS Long Beach.

Former Local Sea Cadet At U. S. Naval Academy

In April 1964, a story appeared here about a Pasadena Sea Cadet, Petty Officer Second Class Jeff Flannery, then 17. Jeff, a San Marino High School senior at the time, had received an appointment from Representative Glenard Lipscomb, as second alternate to the U.S. Naval Academy. Due to quotas, he was not reached for entrance in 1964 but the Navy awarded him a visit to the Academy.

Selected for Academy

Jeff had a goal set. After graduation from high school, he entered Los Angeles State College where he majored in Mechanical Engineering. He lost no time in joining the Naval Reserves. Maintaining a "B" average and having received the previous appointment, Jeff was readily selected for the Naval Academy the following year. He entered in June 1965 and following the completion of his first year this past June, he participated in a 7-week summer midshipman cruise on the USS Long Beach.

Well launched on his naval career, he returns September 7 to complete the remaining three years at the Naval Academy. Pasadena also boasts another former Sea Cadet, Andrew Scott, now attending the Naval Academy.

This group has assisted NOTS Pasadena for the past three years on Armed Forces Day, acting as guides, manning reserved parking, and performing other useful functions.



DURING "FIRING LINE" INTERVIEW at KNX, Cdr. H. H. Schleuning, Jr., (behind microphone) is flanked by (l-r) Boyd Harvey, KNX; Carney Kraemer, Public Affairs Officer, NOTS Pasadena; and Bob Ferris, KNX.

August 'Bluejacket'



LLOYD H. GILBERT—"Bluejacket of the Month" from NAF.

Farewell To Navy Relief Chairman



RECEIVES DESK SET—During a luncheon at her home, Mrs. John I. Hardy (r) presented a traverine desk set to Mrs. Robert R. Yount (2nd r) in behalf of the Navy Relief Society of Volunteer Women honoring her for her past service as chairman of the society. Assisting are Mrs. Jack H. Robcke (l) and Mrs. Herbert J. Hartman (2nd l). While serving as chairman Mrs. Yount received the Meritorious Service Award.

Officers Installed In Fleet Reserve



FLEET RESERVE OFFICERS—Officers of Fleet Reserve Association Branch 95 installed at the Acey Deucey Club recently are (front, l-r) Robert L. Reese, installing master-at-arms; Judge G. E. Thompson, installing officer; Thomas E. Creasy, new president; Terry Driver, director; Lester C. Larsen, vice-president; and F. Jim Wheeler, new secretary-treasurer. In rear are (l-r)

NAF Supervisor To Be Honored In Bakersfield

(Continued from Page 1) the salty varieties. He also enjoys evenings of bowling at China Lake. (See Page 7.)

As Bluejacket of the Month from NOTS, Lloyd will drive with his wife to Bakersfield Friday afternoon, August 26, where they will be the guests of the Chamber of Commerce for the weekend. They will stay at the Hill House and drive a new car from the Haberfelde Ford agency during their visit.

Members of the Chamber will present the Gilberts with a hospitality packet on their arrival, containing gift certificates from their stores and businesses.

YN-1 Gilbert is to be featured on Channel 17's 5:30 news program, Friday, by Hal Laffoon, and on other stations during their news broadcasts.

Meritorious Civilian Service Award Honors Russ Bjorklund Posthumously



MRS. ELIZABETH BJORKLUND listens attentively as Capt. J. I. Hardy, ComNOTS reads the Meritorious Civilian Service Award presented posthumously to her husband Russell who died in Washington D.C. on July 8. H. G. Wilson, Associate Technical Director is shown on the left.

Mrs. Elizabeth Bjorklund, wife of the late Russell W. Bjorklund, Head of NOTS Central Staff, who died July 8 in Washington, D.C. of a coronary occlusion accepted her husband's posthumous Meritorious Civilian Service Award Monday from Capt. John I. Hardy, ComNOTS.

Highest Award

The recognition is the highest that the Commander can present to a civilian and the Navy's third highest civilian award.

The award honored Bjorklund for his outstanding ability in his job and his numerous contributions. It read as follows:

MERITORIOUS CIVILIAN SERVICE AWARD

Russell W. Bjorklund
Mr. Bjorklund served in the Central Staff organization from 10 June 1949 and as Head, Central Staff, from 14 June 1959 until the time of his death on 8 July 1966. His contributions to the Station and to the Navy have been exceptional. Throughout his tenure as Head of Central Staff, Mr. Bjorklund demonstrated a unique capacity to analyze the needs and requirements of the laboratory and to accurately

assess the management practices and processes required to effect a solution. He skillfully advised Station management on a broad range of issues. These qualities were invaluable to the prompt and successful resolution of difficult management problems.

Mr. Bjorklund consistently demonstrated unusual capacity in assisting management to meet and adjust to continuously changing management requirements. His exceptional capability and skill in presenting management viewpoints and problems to senior authorities greatly improved working relations and understanding between NOTS and higher management echelons.

Mr. Bjorklund, through his outstanding leadership and personal example, developed and maintained the excellent resources of the Central Staff organization. It is for these outstanding contributions that Mr. Bjorklund is posthumously awarded the Meritorious Civilian Service Award, the highest recognition that Commander, U.S. Naval Ordnance Test Station, can award to a civilian employee.

OPPORTUNITIES (Continued from Page 2)

tive equipment with gasoline; checks oil levels, adds oil, and checks radiators; cleans windshields, checks tire pressures, and checks batteries; lubricates automotive equipment; changes and patches tires and tubes.

Electrician (Lineman), JD No. 182-1, Code 704—Installs, maintains, and repairs electrical transmission and distribution lines, equipment and accessories connected with power transmission, including overhead and underground power lines, transformers, street lighting systems, and switching gear. Works on "hot" lines, up to and including 5,000 volts; and performs other related duties as required.

File applications with Dora Childers, Rm. 32, Code 657, Phone 71395.

Mechanist, WB-11, 1st step \$3.46 per hour, JD NO. 169-4, Code 5545, three vacancies—Performs all types of general machinist work involving machine tool operation and the assembly, installation, and bench work required in the construction and repair of mechanical parts and assemblies. Works from blue prints, sketches, samples and verbal instructions. One vacancy includes additional pay assignment of Junior Progressman at 14 hourly differential. Assists in scheduling and expediting work among different shops. Assists in preparing schedules for flow of work, equipment and materials. Assists in follow-up of projects, observing delays and determining causes, and recommending corrective actions.
File application for above with Joan Chesser, Rm. 34, Bldg. 34, Phone 71471.

STATION LIBRARY LISTS NEW BOOKS

A complete list of new books is available in the library.

- Fiction**
Ashton-Warner—Greenstone.
Caplan—Say Yes!
Sahgal—This Time of Morning.
Taylor—A Dedicated Man.
Vidal—The Goddess Queen.
Non-Fiction
Brown—Handbook of California Birds.
Eckert—The Silent Sky.
Holbrook—The Wonderful West.
Moran—Churchill—Taken from the Diaries of Lord Moran.
Roberts—The Shell Book of Epic Motor Races.
Thompson—Vietnamese Grammar.
Vallee—Anatomy of a Phenomenon.
Vergara—Science, the Never-Ending Quest.

