

The Distaff Side

Dr. McLean Wins Highest CS Award

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into today's operational weapon with a minimum of research and testing funds. Every effort was made to keep the missile simple and easily producible. SIDEWINDER has very few moving parts and no more electronic components than a table radio.

Dr. McLean has been employed at NOTS since 1945, during which time he has made numerous contributions to naval ordnance fire control in addition to his achievement in the SIDEWINDER project. He was made Technical Director of the Station in July, 1954. During World War II, he was a research physicist for the National Bureau of Standards in Washington, D.C.

A graduate of the California Institute of Technology in 1935, Dr. McLean also received his Master and Doctorate degrees in physics from that institution. He is a member of the honorary engineering fraternity Tau Beta Pi and the graduate honorary research society Sigma Xi. In 1954 Dr. McLean was a delegate to the NATO General Assembly, Advisory Group for Aeronautics Research and Development.

six months of living in a trailer—it looked like a mansion," says Marie.

Her first job on the Station was in the capacity of secretary to the Planning Superintendent of the department. Marie's humorous recollection of her first experience as a Civil Service employee discloses that, unbeknownst to her, she had been hired on a Laborer's billet. In those early days, recruiting was difficult, and available personnel were put to work quickly—such technicalities as proper classification were attended to later.

This action prompted her to take a Civil Service examination which qualified her as a Fiscal Accounting Clerk. Her immediate reassignment involved transferring her personal gear to the adjoining desk four feet away. At that time, administrative functions of the department were performed in two small offices, and the Fiscal Branch consisted of Marie and her supervisor.

One and one-half years in this position, followed by 1½ years in the Planning Division found Marie confronted with her first administrative opportunity. Her former boss, Mr. Partridge, had passed on and she was offered his job as head of the Fiscal Branch.

Her natural curiosity about her job, Station developments, planned technical programs, construction and range expansion, has probably contributed more to her success than any other factor.

Marie's principal hobbies are her daughters and their activities. She is also a member of the Desert Holly Chapter of Eastern Star.

About Bill's neuralgia—Marie says he hasn't had any discomfort since the third week after their arrival on the desert. This family regards living at NOTS a privilege and plan to stay "as long as NOTS will have us," says Marie.



Marie Parks

Recently appointed Head of the Budget and Planning Branch in Test Department, Marie Parks' promotion exemplifies the inevitable recognition for integrity and conscientiousness in the performance of her duties. In addition, nearly sixteen years of experience in the fiscal accounting field qualifies her for the responsibilities she assumes in her new position.

A native Californian, Marie lived and attended school in Hanford, Calif., until her marriage to Bill, a Planner and Estimator in the Engineering Division of Public Works Department. The Parks have been NOTS residents since December, 1946, and are the parents of three teenage daughters.

Soon after their marriage, Marie and Bill managed a branch of the Sproule-Reitz store chains in Le-moore, California. After 3½ years in business, Marie took leave to have her family. Her first daughter, Beverly Joan is an employee in Public Works Department, and the other two girls, Jackie and Patsy, are still in school.

In 1942, Marie went back to work as technical clerk for California Shipbuilding Corp., in Long Beach where the Parks lived for six years.

Bill had been plagued with neuralgia for years and his doctor advised living in a dry, desert climate. A NOTS employee friend of theirs encouraged Bill to investigate employment possibilities at the Station—and the rest is history. They both went to work for Public Works Department.

The desperate housing situation which existed in those days failed to dissuade them. Marie had to live in the WAVES barracks and Bill slept in BIB (men's barracks) while still maintaining their home in Long Beach for the children. After a few weeks of this, they bought a house trailer and sent for their family. Six months later, they were assigned a Hawthorne. "After



HOME SERVICE—Recent graduates receive certificates upon completion of the Red Cross Social Welfare Aides' course. Pictured in the front row (l. to r.) are: Mrs. F. M. Fulton, Mrs. R. R. Newman, Mrs. L. E. Ewoldt, Mrs. W. R. Northrup and Mrs. F. A. Chenualt. Back row (l. to r.) are: Mrs. F. B. Gilkeson, Mrs. W. Howell, Mrs. George Ames, Mrs. L. M. Biherman and Mrs. F. R. Whitty, Jr., Other graduates not pictured are Mrs. P. C. Driver, Mrs. R. J. Goller and Mrs. R. J. Grasley.

Red Cross Home Service Group Affiliated With United Fund Drive

Even though the Red Cross has a long record of disaster relief, this is but one of its many activities. One of the major services rendered is that of the home service group. Locally, the home service group is on call day and night; they aren't paid for their services and they are all volunteers. Home service at NOTS is headed by Mrs. F. A. Chenualt.

Photo Society Unit Outlines Activities

Members of the China Lake Photographic Society will hold their general meeting next Wednesday, Dec. 12, at 8 p.m. in the Photo Hut. The first portion of the program will be a White Elephant sale to be followed by a showing of color slides of scenes taken in England, France, Switzerland and Germany.

Elks Sponsor Dance To Aid Booster Fund

A dance will be held at the Elks Club in Ridgecrest tomorrow night with all proceeds to go to the TV Booster fund.

'Morning Star' on Children's Film Fare

"Morning Star," a pastoral film depicting the 23rd Psalm in the setting of an Arizona sheep ranch, will be featured in the second seasonal program of the Children's Film Society in the Station Theatre tomorrow from 10-11 a.m.

AAUW Education Unit To Discuss Gifted Child

The Education Study Group of the American Association of University Women will meet Wednesday morning at 9:30, Dec. 12 at 113-A Entwistle.

Department Christmas Parties

For the convenience of Station residents, the ROCKETEER has compiled a list of departmental Christmas parties scheduled to be held before the holidays. Most of the parties will feature refreshments and dancing. The date, time and place for each department's party is listed below.



COMMUNITY COUNCIL EXECUTIVE BOARD 1956-57—Newly elected members of the China Lake Community Council executive board (l. to r.) are: Otho Hart, vice-president; Lelia Parker, recording secretary; Herbert T. Lotec, president; Rex Smith, executive secretary; and Sol Sherman, treasurer.

ROCKETEER

Dr. McLean Receives Highest Award

Take It or Lose It Leave Time Is Here

With January 12, 1957 set as the closing date of the annual leave year, Station management today explained the maximum amount of annual leave that employees can carry over into the new leave year beginning January 13, 1957. This explanation is made in order to avoid any possible loss of leave due to misunderstanding.

Burroughs Choral Groups Will Herald Advent of Christmas Season December 12

Marking the advent of the Christmas season the Burroughs High School Music Department will present the annual Christmas program at the Burroughs Cafetorium at 8 p.m. Wednesday, Dec. 12. No admission will be charged and the public is cordially invited.

Participants in the all-choral program will be the A Cappella Choir and Boys' Choir directed by George A. Carson and the Girls' Choir directed by V. Dean Skeels. Selections in the first section of the program by the cappella group will include "From Earthly Tasks, Lift Up Thine Eyes," Heinrich Schütz; "Adoramus Te," Palestrina; "Lay Down Your Staffs, O Shepherds," old French Carol arranged by Wassner; and "At It Fell Upon a Night," English carol arranged by Katherine Davis.



Tech. Director Wins \$25,000 For Conception of Sidewinder

The Navy announced this week that Dr. William B. McLean, NOTS 42-year-old Technical Director, is the recipient of a cash award of \$25,000 under the Government's Incentive Awards Program for his key role in the development of the Navy's new air-to-air guided-missile SIDEWINDER.

This is the highest monetary award ever made by the Government in recognition of an employee's superior accomplishment. The record-breaking award required the approval of the Secretary of the Navy, The Secretary of Defense and, finally, the Chairman of the Civil Service Commission.

The award was presented to Dr. McLean at a dinner sponsored by the American Ordnance Association, held at the Waldorf-Astoria Hotel, New York, on Wednesday, December 5. The dinner climaxed the Association's annual meeting. The presentation of the award was made by Admiral Arleigh Burke, Chief of Naval Operations, who was principal speaker at the dinner.

Defense officials pointed out that Dr. McLean earned this top cash award not only because of the impressive monetary savings to the Government, but also because the successful development of the SIDEWINDER guided missile is a highly significant and tangible contribution to our overall defense effort. The missile will be widely used by both the Navy and the Air Force.

The Navy announced recently that squadrons with the Sixth Fleet in the Mediterranean and with the Seventh Fleet in the Western Pacific are equipped with SIDEWINDER missiles. Extensive fleet testing has proven that SIDEWINDER in spite of its low cost and unique simplicity, is highly reliable and effective against highspeed aircraft from sea level to altitudes well over 50,000 feet.

Rear Admiral F. S. Withington, Chief of the Navy's Bureau of Ordnance, stated that Dr. McLean's efforts have saved the Government an estimated \$46,000,000 the first year. He explained that at least \$5,000,000 was saved through economies achieved in the development program and an estimated \$41,000,000 in the production of SIDEWINDER missiles. This latter figure is based on comparison of costs with other air-to-air guided missile systems.

Dr. McLean evolved the basic idea for SIDEWINDER in 1949, while employed in the Aviation Ordnance Department. In 1951 it was accepted as a research and development project. Under Dr. McLean's technical guidance, the Station's civilian scientists and engineers converted the original theories (Continued on Page 4)

God sent His Singers upon earth With songs of sadness and of mirth, That they might touch the hearts of men, And bring them back to Heaven again. —Longfellow



BURROUGHS A CAPPELLA CHOIR—The Christmas season is ushered in by the performance of Burroughs choral group at Burroughs Cafetorium at 8 p.m. next Wednesday. The Boys' Choir under the direction of George A. Carson, and the Girls' Choir under the direction of V. Dean Skeels will also participate in the all-choral program. Admission will be free and the public is invited.

Booster Gets \$4,000 Barbershop Quartet Parade Delights Station Audience

Set against a beautiful nocturnal desert scene painted by Ed Hammerberg, the Harvest Moon Harmony Benefit was held last Saturday night in the Station Theatre for the benefit of the TV Booster fund.

A near capacity crowd was on hand to listen to seven barbershop quartets and the local Singing Sands Chorus, with the famed Art Baker as master of ceremonies.

The quartet parade began appropriately with the local Four-get-me-NOTS harmonizing around a barber chair. Appearing publicly for the first time, this quartet performed quite creditably.



WOODSHEDDING—Art Baker, famed T.V. and film celebrity, bends a chord with a local quartet at last Saturday night's Booster Benefit. Members of the local quartet, called the Four-get-me-NOTS, are (l. to r.), Bill Jackman, tenor; Ken Kline, lead; Jim Heddel, bar; and Ray Becker, bass. The Four-get-me-NOTS were the first quartet to appear in the show which featured five male quartets and two female "Sweet Adeline" quartets. Proceeds from the show were donated to the TV Booster fund.

The real highlight of the show was the appearance of the Crown City Four. Featuring a truly fine comedian and tenor in Tom Wirick, the men from Pasadena "brought the house down" with a variety of humorous novelty numbers while still exhibiting their excellent musicianship.

Next on stage were the Westcoasters from San Gabriel, who thrilled the Station audience with their precision balance and blend. Their unique and modernistic arrangement of "September Song" was one of the highlights of the show.

