



HANG NEW POSTER — Danny Dandurand and Linda Miller hang up a new poster in preparation for the coming open house at the Airline Traffic Office. Event will take place on Tuesday, July 11. All are welcome.

Open House Planned By Airlines Office

The Travel Branch, Code 8517, and the Airline Traffic Office (JAMTO) are planning an Open House in honor of their newly remodeled offices. It will also mark the fifth anniversary of the Airline Traffic Office. The event is set for Tuesday, July 11, from 11 a.m. to 1 p.m. in the Telephone Office building behind the Administration building.

In August of last year Sam Gdzia was designated as Head, Travel Branch and supervises a staff of five. They are: Marsha A. Cook, Margaret A. Treat, Jeanette Dunn, Kit Driscoll and Genny Launer. One of the primary functions of this department is to handle military and official travel orders.

The Airline Traffic Office (JAMTO), working in conjunction with the Travel Branch, originally opened on July 16, 1962 with one man, J.R. "Danny" Dandurand who is the present manager. Throughout the years additional personnel were added as the service grew. Today there is a total of four people in the office, and a fifth is being considered. In addition to Dandurand they are: R. "Bob" Fenton, Linda Miller and Jim Willard. All are airline employees.

The Airline Traffic Office (JAMTO) manager, as well as all personnel are selected by the Local Military Committee which is made up of one representative from each of the concurring airlines. No one other than an employee of an Air Traffic Conference Carrier may be selected or assigned, either on a temporary or permanent basis.

Contrary to popular belief, the services of the Airline Traffic Office is available to anyone working or residing at the Center, both military and civilian. They are most willing to assist in both private and official travel. Some of the services available through this office include airline reservations and tickets, air freight information, and car rental reservations.

These services are available for all scheduled airlines in the United States, and reservations and tickets are available anywhere in the world. The office is open from 7:30 a.m. to 4:30 p.m., Monday through Friday, but is also available after hours for emergency service.

Coffee and punch will be served and favors will be presented to those visiting during the open house. Everyone is invited.

Five Local Center Employees Receive Coveted Masters Degree

Frank Buffum began his association with NOTS in 1959 as a summer employee while still a student at the University of Oklahoma. In 1961, after his graduation with a B.S. in Engineering Physics, he became a Junior Professional attached to Code 35. Code 50 became his permanent home after completion of the J.P. year, and he is there still in the Aeronthermochemistry Division.

Buffum's thesis, "Interaction of a Liquid Jet With an Acoustic Field," was done under the chairmanship of Prof. Forman A. Williams of UC, San Diego, through a campus interchange.

Along with graduate status, Buffum acquired marital status soon after coming to NOTS by marrying Deborah Firsh, daughter of former NOTS patent attorney, Peter Firsh. They now live at 204-A Fowler with their two young children.

Richard D. Fulmer has been with Code 45 ever since his arrival on station in 1959 as a Junior Professional with a very new B.S. in Engineering from the University of Southern California. He is now in the Applied Research Branch, where his thesis, "Rocket Propellants from Lunar Geothermo Fluids," is applicable to his research in propulsion and power concepts. The thesis was done under the chairmanship of Prof. W. D. Van Vorst, who in 1965-66, was the adviser to the UCLA Graduate Program at NOTS.

Fulmer's family consists of his wife, Virginia, and two sons, ages 6 and 3. They live at 607-B Nimitz.

Fresno State College is the alma mater of Kennerly W. Funk who graduated in January, 1964, and soon after, became a NOTS Junior Professional and a UCLA graduate engineering student in the Off-Campus Graduate Program at NOTS. Now working as an aerospace engineer in Code 4512, he wrote a thesis titled, "A Study of the Effect of Acceleration on the Burning Rate of Composite Propellants."

Mrs. Funk, whose name is Jan, is a teacher of the 5th grade at Groves Street School. She and her husband live at 302-B Forrestral.

Another summer student employee who came to NOTS on a permanent assignment after graduation is C. Franklyn Markarian. He graduated from Fresno State in February, 1963, with a B.S. in Engineering, and then began his J.P. tour of duty with Code 55. He is now employed as a mechanical engineer doing applied aerodynamic research in Code 4061. His thesis is titled, "Heat Transfer in Shock - Wave - Boundary Layer Interaction Regions."

211-B Fowler Street is the residence of Markarian and his wife, Joyce, and their two young sons.

Michael C. Sanitate, who is a graduate of San Diego State College, came to NOTS in 1962

from the Naval Air Station at North Island, and soon after his arrival, entered the UCLA graduate program. In 1964, he spent several months at Fleet Readiness Representative Pacific, San Diego, returning to Code 55 and the graduate program in the fall of that year.

In 1966, Mike transferred to Code 4046, where, as branch head, he has been involved in the development of glass technology as applied to submersibles. His thesis, following his work interests, is titled, "Feasibility of Using Glass and Ceramics as Structural Materials."

Sanitate lives at 56-B Viweg with his wife, Leona, a grown daughter, and a two year old granddaughter.



FRANK G. BUFFUM, JR.



RICHARD D. FULMER



KENNERLY W. FUNK



C. FRANKLYN MARKARIAN

Red Cross Plans To Expand Help For Vietnamese

American Red Cross plans to expand Vietnamese civilian refugee aid in coming months by 150 percent. ARC has been giving housing and other assistance to some 12,000 refugees in 10 adjoining camp areas in Quang Ngai province.

Plans call for expanding to 29 camp areas to accommodate more than 30,000 refugees. Red Cross refugee teams consist of specialists in vocational training, agriculture, sanitation, nursing and recreation.



MICHAEL C. SANITATE



STUDYING COMPUTER NEEDS—The Automatic Data Processing Equipment Study Group, appointed by Dr. Gerald W. Johnson, Director of Navy Laboratories, visited NOTS last week as part of its tour around the country. Chaired by Mrs. Sterling Atchison from Ft. Mugu (center), the group is surveying the computational requirements and capabilities of various Naval Labora-

tories. Members, including those at NOTS, are (l-r) H. Tillitt, NOTS; K. B. Thompson, Office of Management Information; Dr. H. Skramstad, NOL Corona; R. Ryland, Jr., NWL Dahlgren; R. Bracken, NOTS; L. Lakin, Jr., NOTS; C. Eckery, NEL San Diego; H. Stevens, NOL White Oak; H. Culpepper, NSRDC Washington; E. E. Sheehan, Ft. Mugu NMC, and R. Graham, Ft. Mugu NMC.



ENTERS RESERVES — During ceremonies held at VX-5, AQC Donald L. Clark (r) was piped into the Fleet Reserve after completing 20 years of active Naval service. Chief Clark, who entered the service in 1947, spent tours with Heavy Attack Squadrons 4 and 123, Composite Squadrons 8 and 5, NAF and VX-5. VX-5's Commanding Officer, Capt. W. B. Muncie, presents Chief Clark with a letter of appreciation for his service to the Navy. Chief Clark, his wife Lola and son Jeffrey plan to live in Boise, Idaho, where he was born and raised.



BECOME FIRST CLASS—These China Lake girls, all ninth graders, recently were presented with First Class rank in the third, "Cadet," division of Girl Scouting. They earned six merit badges and fulfilled four "challenges" to achieve the rank. From left are Susan Nicholson, Kathy Sewell, Karen Noles and Peggy Hape, who won First Class three years ago under the previous program. Their four Girl Scout challenges were in emergency preparedness, active citizenship, social dependability and the Girl Scout Promise.



AFTER 33 YEARS—Capt. Robert Williamson II, Executive Officer, presents a retirement desk emblem to Oliver Wilkerson, an equipment specialist in plant accounting with Aviation Ordnance Dept., while his wife Eleanor watches. Wilkerson has worked for 33 years with the federal government, and went from management analysis to plant accounting when he came to AOD in 1959. He will retire July 25.

To Die Quickly Do Not Obey Following Rules

(Continued from Page 1) your anticipated stop by touching your brakes to flick on the brake lights, or allow the driver to pass.

Meeting vehicles coming from the opposite direction. Your defense is to stay right; do not crowd the center line. If he crosses into your lane go as far to the right as possible and sound your horn but never try to outguess him by going left.

If you meet the car at an intersection. Never assume that the other driver will yield the right-of-way. The right-of-way may be yours and you will be right, dead but right. As you approach intersections check in both directions and get ready to turn left if that is your direction but wait a half second longer to be sure there are no approaching cars to challenge you. Give way and live if necessary.

If a vehicle is passing you. Your best defense is to help him pass. Check oncoming traffic. Slow down if necessary to give him more room. Before you change lanes check your rear-view mirror and glance back to be sure your blind spot is clear. Use your turn signals when passing.

When you overtake and pass. The best defense is to know the speed and acceleration of your car. Estimate the speed of the vehicle your car is passing and the speed and distance of the oncoming car. A good passing rule — when in doubt don't, and be sure that you know the situation behind your car in case you need to slip back into your slot if something unforeseen enters the picture.

Check behind to see that someone behind you is not trying to pass you. Let the driver you are passing know you are passing by horn or lights if he seems unaware and then accelerate and pass quickly, allowing enough space between you and the car you pass. When you can see him in the rear view mirror it is safe to return to the right lane.

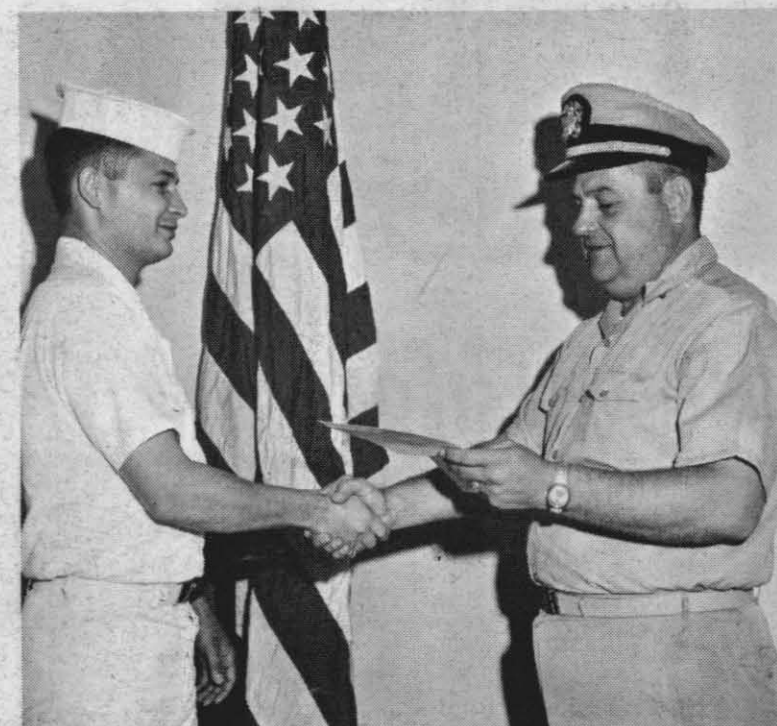
Navy Establishes New Centers

(Continued from Page 1) ployees and the current lack of space at Pasadena makes the present geographic separation necessary until a new facility can be acquired.

Aim of Reorganization The regrouping of selected Navy laboratories into "centers of excellence" is expected to strengthen their capability for systems development management.

Each center is to develop a substantial systems analysis capability in order to maintain balanced perspective, to assess relative merits of alternative developments, and to provide sound program planning.

The centers will join in interpreting intelligence estimates as a guide to planning and programming. The centers will maintain contacts with the fleet and fleet problems, so that they have current knowledge of operating forces, capabilities, limitations and goals, according to Adm. Gallatin.



SHIPS OVER — RD-1 Jimmy L. Dellos reenlists for another four years as he and LCDr. F. H. Elliott, Commanding Officer, Navy Enlisted Personnel, complete formalities. RD-1 Dellos serves as Junior Officer of the Day at NOTS, and makes his home at 309 Dorado with his wife, Kiune, and year and a half-old daughter, Tina. He will be reassigned to sea duty this August.

Navy Opens New Flight School At Pensacola

Navy has opened a new professional flight school at Pensacola which will offer students an opportunity to work toward a master's degree while learning to fly and earning Navy wings.

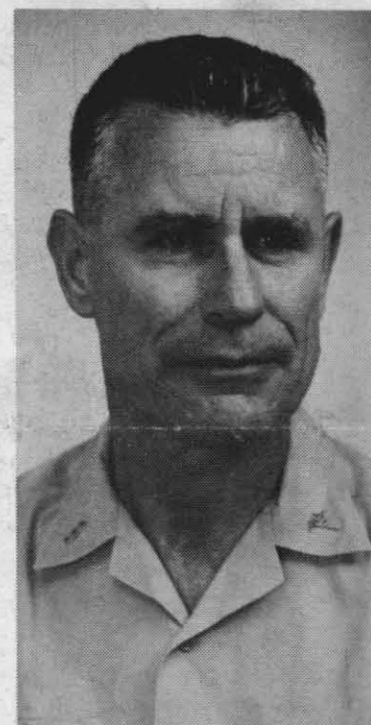
The first class of the Naval School of Aeronautics is hand picked. Thirty-two college graduates among the aviation officer candidates who had completed their primary phase of flight training were selected to insure above average scholastic ability and flight aptitude.

The nine-month course of instruction includes flight instruction and ground training by a faculty composed of military and civilian instructors.

"The school's ultimate goal is to provide training which will qualify graduates for a recognized, accredited degree at the master's degree level," Navy said.

Navy is seeking to develop a cooperative degree program with universities to bring this about.

Naval Air Training Command Headquarters at Pensacola, Fla., will operate the school.



CWO-4 ROBERT L. PARKER is the new man in charge of supply and sanitation at the Center Hospital. A native of Kansas City, Mo., he and his wife Nita and children Nancy, 17, and Vivian, 15, have set up their new home at 38-A Ashworth. WO Parker enlisted in the Navy in 1939, and saw World War II service afloat and in La Havre and Cherbourg. He reports to the Center from duty at the Yokosuka Naval Hospital.

COLT LEAGUE	
6-26	Dodgers 4, Colts 10
6-27	Giants 4, Angels 5
6-28	Angels 1, Dodgers 8
6-29	Dodgers 4, Giants 5
6-30	Colts 7, Angels 6
	Won Lost
Giants	5 2
Angels	5 3
Dodgers	3 5
Colts	2 5
PONY LEAGUE 'A' DIVISION	
6-26	Yankees 1, Cubs 7
6-27	Tigers 6, Indians 7
6-28	Tigers 5, Cubs 9
6-29	Yankees 11, Indians 3
6-30	Yankees 2, Tigers 3
	Won Lost
Cubs	4 2
Yankees	4 4
Indians	3 4
Tigers	3 4
'B' DIVISION	
6-26	Reds 5, Angels 4
6-27	Cards 0, Braves 12
6-28	Cards 3, Angels 11
6-29	Reds 3, Braves 9
6-30	Reds 3, Cards 1
	Won Lost
Braves	4 1
Reds	5 3
Angels	2 5
Cards	2 6



"I'M AFRAID WE'VE BEEN FOLLOWING A CREASE IN THE MAP."



NAVAL UNDERSEA WARFARE CENTER

PASADENA, CALIFORNIA

VIRGINIA E. LIBBY — EXT. 638

New Undersea Center Created In Pasadena



CAPTAIN GRADY H. LOWE, USN
Commander, NUWC

MISSION

TO CONDUCT A PROGRAM OF WARFARE ANALYSES, RESEARCH, DEVELOPMENT, TEST, EVALUATION, SYSTEMS INTEGRATION, AND FLEET ENGINEERING SUPPORT IN UNDERSEA WARFARE AND OCEAN TECHNOLOGY.

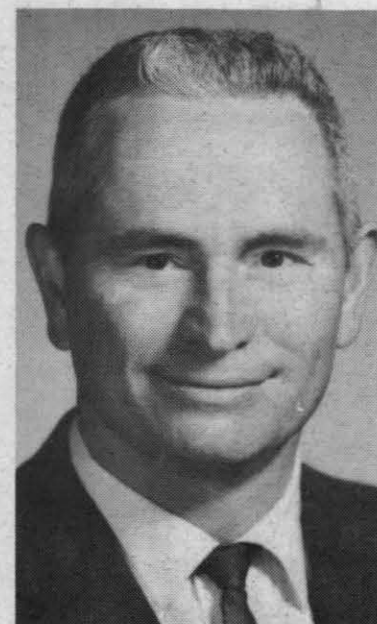


DR. WILLIAM B. McLEAN
Acting Technical Director, NUWC

Key Personnel Selections Told



DOUGLAS J. WILCOX
Associate Technical Director
NUWC



WALLACE E. HICKS
Assistant Technical Director
NUWC, Pasadena Activities



DR. DONALD A. WILSON
Assistant Technical Director
NUWC, San Diego Activities



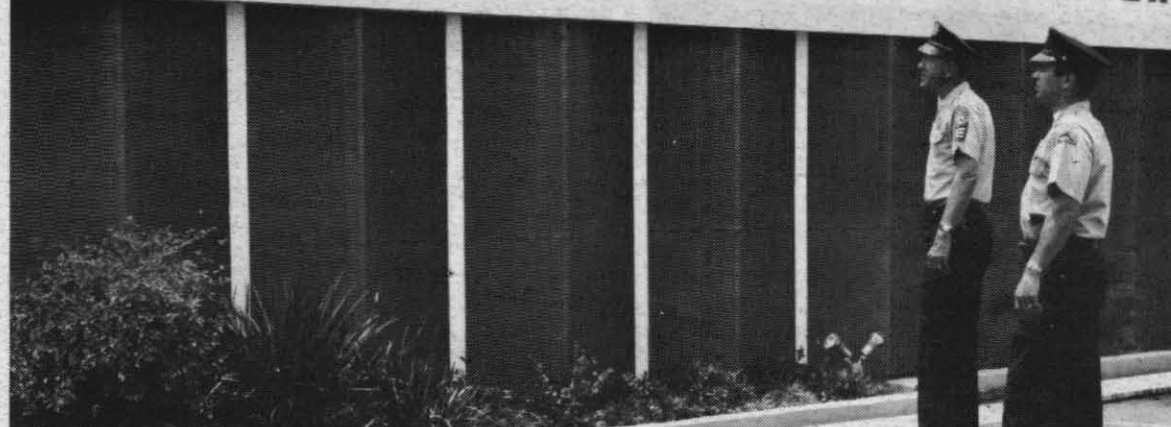
LEONARD FREINKEL
Head, Central Staff,
NUWC

NUWC Composed Of Several Groups

The newly created Naval Undersea Warfare Center is composed of personnel of the former NOTS Pasadena organization, including Morris Dam, Long Beach, and San Clemente Island, as well as personnel of the Undersea Technology Group of the former Naval Electronics Laboratory, and the Ocean Research Engineering Activities now at China Lake.

Successing issues will cover in more detail the tasks and functions of the newly created Naval Undersea Warfare Center with feature articles on organizations as they are developed, their personnel, and responsibilities.

NAVAL UNDERSEA WARFARE CENTER



NEW LOOK — The former U.S. Naval Ordnance Test Station, Pasadena, receives its new identity as the Naval Undersea Warfare Center. Among those first on the scene

to view the new sign are Security Policemen Anthony J. Sten and Ralph D. Gibson (l-r).

—Photo by PH2 Ralph Robey

PROMOTIONAL OPPORTUNITIES

To apply for positions, contact Christine Marchand, Pasadena Personnel Division, Extension 278. A current SF-58 must be submitted when applying.

Maintenanceman, WB-8, \$3.19 to \$3.45 per hour, Code P7151 — Maintenance of buildings, grounds, boats, barges, and like equipment. Performs minor electrical, carpentry, plumbing, and mechanical repairs; minor painting and touch-up. Duty Station: San Clemente Island.

Contract Negotiator, GS-11, Code P2563 — Duties of this position will include the complete cycle of functions involved in the negotiation of complex contracts (Fixed Price, Time and Material and Labor Hour) for highly specialized technical requirements in support of the research and development effort at NUWC.

Multilith Operator, WB-9, P2563, \$3.30 to \$3.53 per hour — Operates a multilith offset duplicating machine 2550 for the reproduction of a variety of procurement documents. Cleans and adjusts rollers, fills containers with oil, repellents, plates, blank rolls and ink. Also regulates and operates a rotary sorter which collates the documents.

Machinist, WB-11, \$3.53 to \$3.83 per hour, Code P7151 — Provides all types of general machinist work, involving both machine and bench operations as required in the manufacture and repair of mechanical parts or assemblies. Duty Station: San Clemente Island.

Pipfitter, WB-11, \$3.53 to \$3.83 per hour, Code P7151 — Lays out piping systems or sections from blueprints, sketches, and written instructions. Cuts, bends, shapes, fits and assembles pipe fittings for steam heating, hot water heating, hydraulic, high pressure air and oil systems.

Electronic Mechanic, WB-12, \$3.59 to \$3.89 per hour, Code P8023 — The position is located in the Torpedos Preparation Laboratory with primary duties being assembly and checkout of torpedoes and prototype vehicles undergoing sea runs.

Drug Usage Could Prove To Be Deadly

BY DAVID L. KIMSEY

A little over a year ago a new drug came on the market. It represented a sort of a "middle man" to the kick happy youngsters who wanted a little bit more. They were told by the "pushers" that it was non-habit forming, and that the sensations they would get would be "out of this world."

The medical term is Lysergic Acid Diethylamide Tartrate. Most of us shudderingly know it however, as LSD.

Because of the growing world-wide use of the drug, and because of the ignorance concerning it, the Department of the Navy has issued specific information concerning the dangers of LSD usage.

Regulations Prohibit

Before these dangers are discussed, it should definitely be noted that Navy Regulations prohibits, except for authorized medical purposes, the introduction, possession or use of depressant or stimulant drugs on board any ship, craft or aircraft of the Department of the Navy, or within any Naval Station or other place under the jurisdiction of the Department of the Navy.

It further prohibits, except for authorized medical purposes, the possession or use of depressant or stimulant drugs by persons in the naval service. This is defined as any drug that is habit forming be-

cause of stimulant effect on the central nervous system, as having a potential for abuse because of effect on the central nervous system, or as having a hallucinogenic effect.

A complete list of these drugs is available, but the important thing now is that LSD is included.

It is too often the impression that LSD is a cure-all for a variety of problems of living, an improver of personality, and an efficacious drug which improves sexual functioning, enhances religious experience and increases creativity in the arts.

Nothing could be further from the truth, and because of the lack of knowledge concerning the true effects, use of LSD by young adults is growing at a very alarming rate. It is also anticipated that the same could be true among young adults in the Naval Service. This is a trend that most definitely must be reversed.

A Dangerous Drug

The popularity of LSD has grown rapidly because of the belief that it will "expand the mind" or produce a thrill without the disadvantages of becoming addicted to a drug.

It is true that LSD itself is non-addictive, however very serious problems can be associated with its usage. The LSD user may go through a stage of panic, during which he is

likely to be severely confused, depressed, anxious, or suspicious.

The initial reaction to the drug may last from one to 12 hours. Understand this however — symptoms may reappear spontaneously in a month or two or as long as two years after taking the drug.

There are documented cases of LSD users having suffered severe bodily injury while under the influence. One example is that of two young men who were seriously injured after having walked into a moving car while they were disoriented under LSD influence. Suicide attempts, suicides, and homicides have even been committed during the terrible experience.

Contrary to the popular claim that LSD is a "consciousness-expanding" drug, it has been too often demonstrated that the drug decreases conscious functions, distorts time sense, decreases an individual's ability to select and pay attention, impairs critical, objective judgment, and induces illusions and hallucinations. Vision and hearing are distorted, not enhanced as claimed.

No Way Of Knowing

There is no known way of predicting occurrence or sudden, unexpected recurrence of these dangerous effects long after use of the drug. It is also not possible to determine if

advance those individuals likely to suffer these adverse effects.

Legal bans were placed on the use and sale of LSD after extensive studies of LSD users. One such user, now a psychiatric patient, thinks he's an orange. Still another thinks that he is a graham cracker. The "graham cracker" was hospitalized following an accident in which he drove his car into a house, killing a three year old child. This was done during an LSD trance.

During an 18-month period, LSD put 130 patients into a New York hospital for treatment of mental illness. 15 patients suffered from profound terror; 14 exhibited uncontrolled violence; 10 attempted either homicide or suicide. Most of these patients were men, of an average age of 23.

Sensations become intensified and perceptions are distorted under the influence of LSD. One man slept on the floor the night he took LSD because he was convinced that his bed was only two inches long. Another man was restrained from diving off a cliff onto the rocks below. Later he explained that he felt the breaking waves were a silk scarf and he wanted to dive into it.

Faces often appear to be melting. One high school student cut the tendons of her

wrist because she looked in the mirror and saw her face begin to dissolve. In another case, a young man, after taking LSD for the first time, was convinced that he had to offer a human sacrifice or die himself. He was prevented from throwing his girl friend off the top of a Hollywood hotel.

Only Black Market

Since Sandoz Laboratories, which was the only legitimate manufacturer of LSD, stopped production in the spring of 1966, the only available public source of the drug has been the black market. These supplies often contain impurities and sometimes compounds are substituted, which can result in a particularly gruesome form of death.

These are but just a few of the symptoms and case histories that are on file and a matter of record — and it continues to grow. Considering that the symptoms can reappear up to as long as two years after taking LSD, how much trust could you place in a user?

Just Think About It

Suppose that the helmsman of your ship had taken LSD and you were in a tight formation at full speed. How about an ammunition handler that suddenly thought he was playing ball? The situations that could arise from the use or prior use of LSD are countless. We should all think about it for a while — a long, long while.

Pot Smokers Find Things Not Easy With Local Law

Last week an article appeared in the Valley Independent concerning the arrest of several local persons for the possession and sale of marijuana. There were nine in all, ranging in age from 18 to 21. Of course, much concern was created over the incident, as well there should be.

In checking with the various local law enforcement officials, it was discovered that approximately 18 such arrests have been made in the past 12 months. Although it is said that this is definitely not an alarming number when compared to other communities with the same population, it is always alarming to hear or read about the youth of our Nation using harmful and illegal drugs just for the sake of "a few kicks."

Unfortunately, this is one of the most difficult types of crime to detect or control. In most cases, with the possible exception of the actual sale, marijuana is found in the home or on private property. Because of our strict laws concerning the invasion of privacy, false arrest, defamation of character, etc., law enforcement agencies must be extremely careful.

Such was the case recently as the Security Department, Ridgecrest Police, Kern County Sheriff's Office, State Bureau of Narcotics and Office of Naval Intelligence combined their efforts and several months of extensive investigation in order to bring about these arrests.



SWIMMERS SHOW WINNING FORM — Girls of 11-12 group in recent Barstow-IWV dual meet leave starting blocks in freestyle event. Sue Wiruth (lane 3) won, followed by Kris Bjorklund (1) and Jane McGlothlin (5), to make clean sweep for locals. Red-suits meet five best desert area squads tomorrow at Apple Valley Relays with aim to improve last year's second spot.



20 YEARS AT NOTS — Veterans of China Lake in the Engineering Dept. who received their 20-year pins recently are (rear, l-r) James R. Gallien, David Tucker, Walter Pieper, Albert Sievert and (front) H. Ted Lofee and Marge McCoy.



GET EXTRA PAY — Among Code 40 workers receiving Quality Step increases recently for top performance were (rear, l-r) Donna Holley, Richard A. Zinke, Dan Blattman and front, (l-r) Dorothy Tidwell, Jean Mahoney and Harold Zimmerman.



FEDERAL TENURE PINS — Receiving their 20-year pins for federal service are Engineering Dept. workers (rear, l-r) Ernie Cozzens, Al McDonald and (front, l-r) Jerry Sturn and Marge McCoy.

