

Scholarships Received By DSD Daughters

Geraldine Pincus and Mary-Ann Spencer, daughters of DSD employees, are among the four students who received \$1,000 in scholarships to attend San Fernando Valley State College this fall.

The other two students who also received \$250 each to cover the cost of books and fees are Greg Holtz and Daniel Castro.

Gerry, who started her sophomore term, is a second time winner of a DSD scholarship. Her father, Mayer Pincus, is a sheet metal mechanic at DSD currently on a medical leave of absence. Working part time last year and all through the summer, she's been saving so that this year she can concentrate fully on her studies. She also wants to have time to participate in the Red & White Organization, a community and school service group. A history major, she plans on teaching.

Getting her first glimpse of college this fall will be Mary-Ann, a graduate of Chatsworth High School. She is the daughter of Clinton "Spence" Spencer, a senior engineer in Maintainability Engineering. Mary-Ann will major in English and plans to teach in high school. Her most current interest is needlepoint, but she also enjoys reading, swimming, gymnas-
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NEWS & OPINION

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DSD To Develop IFF Reply Evaluator



REVIEWING the F-15 IFF Reply Evaluator (IRE) contract are (l-r) Dr. Al Miller, Mal Gillies, Al Hall and Kap Henson.

DSD President Jim Mellor has announced that Data Systems Division was awarded a major sub-contract by the McDonnell Douglas Corporation of St. Louis, Missouri. The \$900,000 award is for the de-

velopment of a reply evaluator for the IFF (identification friend or foe) system of the U.S. Air Force F-15 air superiority fighter.

According to Mal Gillies, who managed the proposal effort, the IFF system will identify friendly aircraft for the F-15 pilot. The target evaluator operates with the fire control system to determine automatically the status of aircraft in the area.

The development program, which will be managed by Al Hall, includes the design and manufacture of 15 reply evaluators for testing. A multi-million dollar production contract for systems to outfit the F-15 aircraft will be awarded later.

Lew Brotman, director, Advanced Air Force Programs Office, said the program will further broaden Data Systems' position in the IFF market.

"The advanced design of the evaluator has wide application to a variety of Air Force and Navy aircraft, in addition to the F-15," he said.

Dr. Al Miller was the technical manager on the F-15 IFF reply evaluator proposal effort, and Kap Henson led the effort to derive a highly producible equipment design that could be manufactured at minimum cost.

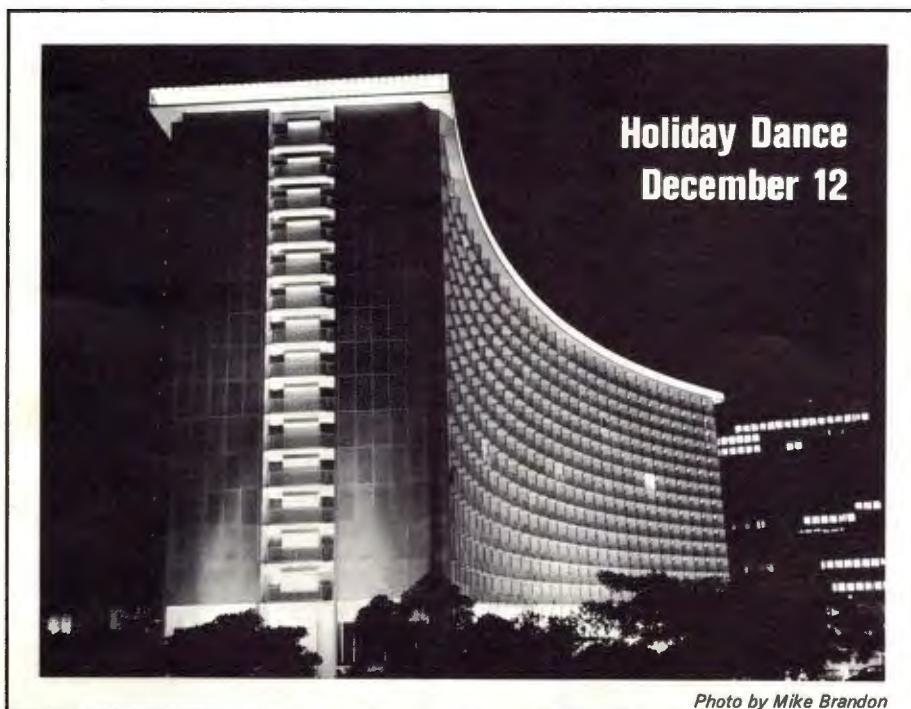


Photo by Mike Brandon

Data Systems Hosts International Visitors



ITALIAN ARMY personnel discussed the TACFIRE and BTE programs during a visit to Data Systems September 18. From left, are Patrick Quinn, manager, International Operations; Lt. Col. N. Vianelli; Brig. Gen. G. Bernardinis; Dr. C. Barbieri, Marketing manager for Litton Italia S.p.A., who translated the briefings into the Italian language; Col. N. Chiari, Lt. Col. L. Tonelli, and Lt. Col. U. Girotti.



LUNCHING with Vice President Ken Walsh (left) is the Honorable Clem Jones, Lord Mayor of Brisbane, Australia.



GERMAN ARMY logistical orientation tour of the TACFIRE area on October 6th included a demonstration of the maintenance concept using a hand-held tester, first used on Battery Terminal Equipment (BTE). From left are Gerry Carpenter, International Marketing representative; Brig. Gen. H. G. Biederman; Patrick Quinn, manager, International Operations; Col. R. F. M. Stadthoffer; Col. W. Rauch; Col. H. Frickinger; and Col. H. G. Gross.

Krause Joins Ingalls West



Charlie Krause, vice president, Program Management, has been appointed vice president and director, Finance and Administration, for Litton's Ingalls West Division.

In announcing Charlie's appointment, DSD President Jim Mellor said: "On behalf of Data Systems Division, I want to extend the best wishes of all of us on his new assignment and thanks for his major contribution to the success of our business."

Charlie took his new post October 5th. He will report to Dr. Bob Roderick, president of Ingalls West.

He joined Litton in 1960. He was director of the MTDS Program Office, then director of Operations, and in March 1964 was made vice president of Operations. In 1965 Charlie was appointed vice president of Engineering and Operations, followed by an assignment as vice president of E2A Programs and Manufacturing. In June 1967 he became vice president and director of ATDS Programs and six months later, vice president of Programs Management.

Writing?

Be Sure To Safeguard Classified Material

Data Systems employees who prepare documents have a personal responsibility to know whether or not they are writing about classified information, and to properly safeguard what they write.

Often a particular part of a system is classified, which means that anything written about that part of the system will also become classified information. Determine whether the material you write *is* or *is not* classified and mark it appropriately.

Remember, sooner or later, some-

one who *knows* the proper classification will read what you have written. If you have disclosed classified information, even unknowingly, you not only risk a personal penalty but you jeopardize the security position of the Division as well.

Department of Defense classification instructions are furnished with every classified contract. It is your duty to be familiar with them; if you need help, ask your Program Classification Coordinator or the Security Department.

Kissel, Jones Named Directors

The promotion of Edward Kissel from manager to director of Accounting has been announced by Jack Pio, vice president, Finance.



Ed Kissel

As director of Accounting, he will continue to be responsible for accounts payable and receivable, cost accounting, payroll, division systems and procedures, property administration, cash management, general ledger and operations finance.

A native of Blue Island, Illinois, Ed attended the University of Bradley at Peoria, Illinois on an athletic scholarship. He was graduated in June 1961 with a BS in business administration.

In July of 1961, Ed began his career at Litton with the Guidance and Control Systems Division as a junior accountant. He subsequently held various supervisory functions in finance during the next six years. He transferred to DSD in 1967 to accept the position of manager of Programs Finance, and two years later was named department manager of Accounting.

Ed continues to be actively interested in sports. He is a member of the DSD intramural softball and basketball teams, and would like to

do athletic work with youth organizations.

Ed and his wife, Vicki, live in Woodland Hills with their two children, Lauri, 9, and Mike, 5.

The appointment of Billy Jones to the newly created position of director of Operations Project Management and Control was announced by Jim Gregory, vice president of Operations.



Billy Jones

Billy brings to his new post many years of experience in engineering and management. Four of those years, from 1958 to 62, were spent at DSD on the original design of the MTDS. He also spent four years with the Boeing Company in Seattle, three years at the Research Center, University of Michigan, and eight years at Lockheed in Sunnyvale.

Graduated from the University of Illinois with a BSEE, he has also earned an MSE from the University of Michigan, an ME from UCLA and is a licensed professional engineer.

Billy and his wife, Helen, are enthusiastic members of the Sierra Club, a conservation club dedicated to preserving the natural resources and to appreciating nature. He is also a member of the Masonic Lodge and IEEE.

Christmas Project To Help Vietnam, Japan Orphanages

"Our nursery is always crowded with 245 or 250 babies, tots and kids; we are always in need of help for everything... Most of the Marines and Navy servicemen have left or are leaving our tired Vietnam and we miss terribly their good presence; they have been so kind, so good, so helpful to us. But we believe that our good Lord will not abandon us and will send us help in a way or another one," writes Sister Marie Angela of the Sacred Heart Orphanage in Vietnam.

The DSD Rockhounds are preparing to provide some of that "help" through their fifth annual Christmas project.

The daily care of seven orphans who live at the Sacred Heart Orphanage and the Children's Gospel Home in Japan is financed by 25¢-a-week contributions from a number of DSD employees. The Rockhound project is to raise money for a special Christmas for all the children at both homes.

For \$1 you will receive a tumbled gem stone (which can be made into a key chain or necklace), and five chances for the drawing to be held on December 11. The jewelry and art pieces to be won are now on display in the front lobby area of Bldg. 40.

Let's make this a record year for contributions to the orphanages in Vietnam and Japan. The more tickets sold, the more the children will receive.

Tickets are available from the following people:

Bldg.	Contact	Phone
40	Arnold Roper	4447
41,42	Earl De Gray	4332
43	Wally Ward	4007
44,51	Elmer Kassahn	2817
45,46,49,50	Jim Kruse	4184
47	Herb Mitchell	2097
48	Mark Thompson	2331
58	Chuck Geyer	7259
21,22	Sandy Broeske	887-2656
30,31,32	Russ Johnson	887-4705

**LEND
A HAND**

**Data Systems
AID Drive
November 16-20**



DIRECT AIR SUPPORT CENTRAL post award conference participants pause for photo. Front row (l-r) Maj. Charles Goddard, NETR at DSD; Frank Bohler, Contracts; Col. Stan Dunwiddie, MCTSSA; Ann Schwartz, NAVELEX; Col. Robert Anderson, NAVELEX; Col. Joseph DiFrank, Jr., MCDEC; Walt Sodeman, DCASO; Capt. Lou Simpelman, NAVELEX;

and Lynn Martin, DASC Program manager for DSD. Back row, E. Salome, West NAVELEX; Maj. Ron Murray, MCDEC; E. Guelle, MCSA; Maj. Don Huffman, Hdqtrs. MC; Capt. W. Donnell, Hdqtrs. MC; and Bill Wagner, director, Marine Corps Programs Office.

Economy, Ecology, Prompt Propane Test In DSD Truck

Data Systems Division has equipped one of its trucks to burn propane instead of gasoline.

Why?

Bob Krause, manager of Material Services, said the reason is two-fold—cleaner air and cost reduction.

"According to the National LP (liquefied petroleum) gas Council, propane is a clean-burning engine fuel which greatly reduces harmful exhaust emissions," Bob said. "Our truck now meets the 1975 standards set by the California Air Resources Board."

"LP-gas fuel is inducted into an engine in a vapor state and mixes readily with intake air," he continued. "The LP-gas Council claims this re-

sults in practically complete combustion and eliminates the accumulation of carbon and sludge inherent in gasoline. This means we should have longer engine life, fewer oil and spark plug changes, and lower maintenance costs. There should be a 30% increase in the life of the vehicle."

Changing to propane costs between \$300 and \$400 for the average vehicle. The conversion consists of installing a different carburetor, removing the fuel pump, and adding a pressure regulator and the fuel tank.

"When one of our vehicles has to be replaced, we can easily transfer this equipment to the new one," Bob said.

"The cost per gallon is lower than gasoline and the mileage is about the same," he added. "There is a bill up before the State Assembly to reduce the tax on propane from 10¢ to 4¢ per gallon which would make it even more economical to use."

Driver Bob Runningthunder says he has experienced no loss in power since using the 110-octane propane.

The truck will be operated on pro-

pane for 90 days and if it proves satisfactory it is proposed that three more trucks, a fork lift, and possibly some of the maintenance vehicles will also be converted.



COMPACT UNIT—Jim Michlec points to the pressure regulator which changes the liquified propane to a vapor.

Lt. Col. Downer Decorated

Lt. Col. Harry Downer was awarded the Legion of Merit at a recent ceremony at the U.S. Army Combat Developments Command, Field Artillery Agency, Ft. Sill, Okla.

Lt. Col. Downer was at Data Systems from June 1969 until last month as project officer for the Combat Developments Command (CDC) on the TACFIRE program. He helped guide the various development phases of the TACFIRE project including hardware, software, maintainability, reliability, communications and communications security.

His award was for his performance of duties for the last three years while assigned to the CDC. Prior to coming to DSD he was chief of the Communications and Electronics Branch, Weapon Support Division, at Ft. Sill. He is scheduled to report for a tour of duty in Vietnam next month.

DATANNOUNCEMENTS

The formation of the Engineering System Applications Laboratory, composed of the former Systems and Computer Applications laboratories was announced. *James Wrzesinski* will assume the responsibility of director of this new laboratory.

Paul Hensel was made director, System Evaluation and Support Equipment Laboratory.

George Miller was appointed director of the newly formed Army Air Defense Systems Program Office.

Robert Sanders joined Data Sys-

tems Division's Marketing Department as manager of the Huntsville, Ala. office, replacing Ken Nelson who transferred to the Washington office of the LITCOM Division.

Finance has established a Business Information Systems organization with *Ted Hamlet* as manager.

Jack Radzynski was made manager, Operations and Subcontracts in the DTAS Program. On the F-15 IFF Reply Evaluator (IRE) Program, *Alvin Hall* was appointed program manager, and *Donald Brand* was made engineering project manager.

Library Used As Film Set For WESRAC Movie



CAMERAMEN prepare for filming of WESRAC movie.

Data Systems Technical Library was recently used as the film site for a Western Research Application Center (WESRAC) motion picture. WESRAC is operated in cooperation with the National Aeronautics and Space Administration (NASA). Through its services, companies can take advantage of valuable government-generated research and development information. The movie was filmed to show how WESRAC aids the libraries that use its services and will be shown to companies and libraries throughout the United States.

"We were honored to be chosen for the production as we hold WESRAC in high esteem," said Joe Ann Clifton, manager of the technical library. "By subscribing to the WESRAC service we can draw on NASA's growing data bank, which currently contains about 300,000 advanced engineering and scientific documents."

Joe Ann, who also manages the G/CS library and the Corporate library needs, and serves in an advisory capacity to LITCOM in New York, Applied Science in Minneapolis, and Mellonics in San Carlos, has used WESRAC's services since 1968. "Using this service enables us to

assist employees promptly in obtaining the materials and information they need," said Joe Ann.

"Right now the dispersed facilities create difficulties for some employees to obtain the DSD library services. However, the employees in Canoga Park are welcome to use the G/CS library, and the employees in El Segundo may use the AMTD facilities when necessary. When DSD employees are relocated to Culver City, we hope to have library services there also."

"One point I would like to stress is that a project or program manager should notify us when they receive a new research and development contract so we can get the contract cleared for the Defense Documentation Center and thereby avoid the delays which otherwise ensue when requesting documents," Joe Ann added.

Filling requests for bibliographies and literature searches, ordering books, journals and dictionaries for departmental use upon request, obtaining and knowing where to obtain information, are only a few of the services offered through the library.

In addition they stock over 11,000 books, not all of which are scientific or technical. Business and management type books, and a number of pertinent books for all departments such as purchasing, accounting, and industrial relations, line the library shelves. They also maintain over eight thousand classified and unclassified documents and subscribe

to over 200 journal titles furnishing the latest up-to-date advances.

Reference tools such as *Applied Science & Technology Index*, *Science Abstract*, and the *U.S. Government Research & Development Reports* are accessible for quick information. Many magazines and newspapers, including the *Wall Street Journal*, *Business Week*, *Fortune*, and the *Harvard Business Review* are available on the library reading tables.

In summarizing the purpose and services of the library, Joe Ann said, "We are striving to serve employees with efficiency and promptness and to utilize the newest means and services at our disposal, such as WESRAC, so that the tech library will continue to assist employees keep DSD a modern, growing company."



IN WESRAC MOVIE—Joe Ann Clifton assists Roy Ballard with a report required for market research.



DSD LIBRARIANS—Jean Smith holds copy from the microfiche printer/reader as Tallulah Frederick demonstrates the reader to a library patron, Glenn Graham.

STOCK QUOTE

Employees paid	\$17.67
Company paid	\$ 4.42
Average price per share September, 1970	\$22.09



PLANNING their first Junior Achievement meeting are (l-r) Don Miller, Diane Van de Pas and Tom Worthington.

Three DSDers To Advise JA Company

Instruction sessions began September 17th for a three-week training program for Junior Achievement advisers.

Tom Worthington, manager, Field Engineering; Don Miller, manager, Mechanical Integration, and secretary Diane Van de Pas were among those who attended. They joined the more than 700 Southern California volunteers who will serve in the JA program during the current school year.

JA enables high school sophomores, juniors and seniors to learn the operations and problems of busi-

ness by forming miniature corporations. They produce and market a product or perform a service, selling stock at \$1 per share to finance their enterprises.

"The businessman and woman who volunteers as an adviser to one of these small-scale enterprises has the singularly most important role in Junior Achievement," Tom Worthington said.

Tom will act as management adviser, Don as production adviser, and Diane as sales adviser, to a JA group made up of West Valley students.

George Holmes Accomplishes Goal



George Holmes is now able to enjoy some unaccustomed leisure time. After seven years of evening classes, he has accomplished his goal—a master's degree in electronics from USC.

George graduated from Cal State in 1957 with a BS in engineering and began his career at Northrop Corporation. He joined Litton in 1963 and is now a senior engineer in the Computer Development Department, CCTV Group.

Not only is electronics his work, but it is also his hobby. He writes electronic articles (several of which have been published), and repairs television sets.

George, his wife, Gwendolyn, and their three children live in South Pasadena.

Ruth Perl Holds Professional Post

Ruth Perl has been appointed employment chairman for the Society of Technical Writers and Publishers, Los Angeles Chapter. Ruth is a technical publications coordinator in Data Systems' Technical Information department.

The Society provides free employment service for its members and all companies that use technical communications personnel. Technical writers, editors, illustrators, repro typists and instructors are among the membership.

In her capacity as employment chairman, Ruth maintains for the Society, the files of applicant qualifications and employer job openings, channelling applicants to job openings which fit their qualifications.



Ruth Perl

... Scholarships



Gerry Pincus



Greg Holtz

(Continued from Page 1)

tics, modern dance and deep sea fishing.

Greg, a second semester senior, was also a DSD scholarship winner of 1969. Majoring in political science, he earned a 4.0 grade point average last year. He plans to work and attend graduate school in February and to pursue a master's degree in public relations at UCLA or USC the following term. His ultimate goal is a career in public or industrial relations. Greg, who is a flying enthusiast, has his private pilot's license and is the founding president of the Valley State Flying Club.

Daniel's ambition is to teach in the same high school from which he graduated—San Fernando High School. A second semester junior, he is majoring in history with a minor in Spanish.



Mary Ann and father, Clint Spencer.

This is the seventh year that DSD and the Management Club have awarded the scholarships, which are based on the student's superior academic record, intellectual promise and financial need.

In naming the winners, Leon King of the College's Student Scholarship's and Grant's Committee, said, "We hope you will share our pride in the Scholarship Committee's selection of recipients for the Litton scholarships... Please convey our deep gratitude to all the members of the Litton 'family' for their continuing generosity to worthy students through their scholarships."

Serving Our Country



We'd like you to meet . . .

. . . Captain Charles E. Decker, the son of Charles V. Decker, a spares coordinator in Operations.

Charles received the distinction of having eight air medals awarded to him at one time. These, the second through ninth medals, were earned for air action in southeast Asia.

We'd like you to meet . . .

. . . Private 1st Class Richard Kershner, the 18-year-old son of Joan Kershner, a lead inspector in the assembly area.

Rick graduated from Cleveland High School in January, 1970 and two months later enlisted in the Army Infantry.

His troupe was sent to Vietnam after completing basic training at



Charles V. Decker, father of Capt. Charles E. Decker, has worked at Litton for nearly nine years.

He has served more than ten years in the Air Force in the Strategic Air Command and plans on making it his life's career.

Graduated from Van Nuys High School in 1959, he was commissioned in 1960 through the aviation cadet program.

Charles, his wife, Donna, and their two small children reside at Griffis AFB, New York, which is his current home base.

Fort Ord and Rick rejoined them after an additional eight weeks training in business administration.

He is now assigned to administrative service for his troupe in Vietnam.

After his discharge in 1973, Rick plans on attending Valley State College.



JOAN KERSHNER, mother of PFC Richard Kershner, has worked at Litton for eleven years.



15 YEARS—Peter Overt, senior designer, Design & Drafting, is presented a three-ruby tie pin by Jack Harding, vice president, Engineering.



BUD SCOLES, program manager on the DD-963, is congratulated by George Breitwieser, vice president, Ship Electronics Systems, marking Bud's 15th year with Litton.

Service Awards

Ten Years

Marie Celestino
Lauraine Jaeger
Wade Hardwick
Robert Parker
Dan Peters
Ann Polkowski
James Rhodes

Five Years

Lawrence Anderson
James Baumgardner
Joseph Bradley
Samuel Cameron
Robert Carberry
Frances Colao
Natalie Di Lando
Ronald Guilmette
June Huse
Walter Marchbanks
James Michalec
James Mitchell
Raymond Pace
Bonnie Porath
Christine Quincy
Deanna Reynolds
Gerald Richmond

OPINION

What has been your most memorable day since coming to work for DSD?

*Cam Harman
Electronic Engineering*

There are two days that are among my most memorable days. They occurred in 1968 when I was "technical adviser" on the BTE orientation film produced at DSD by Rick McClun for the U.S. Army Missile Command.

As with most movie productions, this one required shooting on location in an area remote from the studio. The first day's schedule required the BTE equipment to be at the site at 7:30 a.m. After obtaining directions, I loaded the unit into the seat of my car and drove out to the location site, Van Norman Lakes, which is just off the San Diego Freeway about ten miles north of the Van Nuys facility.

The shooting of the film was a rather slow and deliberate task which required two days (actually 29 hours of preparation and shooting of many

short scenes). During the time I met and talked with the two featured players—Chris Noel and Dwayne Hickman.

This was the first time that I had been present during the complete filming of any movie and it was an interesting experience in that I gained more respect for the people who handle the technical writing and actual production work for this type of film. Also, having seen these two days of sweat and tears, I am much more content with the relatively quiet world of engineering.

*Loretta Porter
Technical Information*

I have been employed at Litton, DSD, seven years, and during that time I can say my most memorable day was one year ago March.

It was a dreary rainy Thursday and our workload very heavy. A few of us in our department had Irish Sweepstakes tickets and were trying to find

time to purchase a Herald Examiner to see if one of us had been lucky enough to have our ticket drawn.

Late in the afternoon, with anticipation growing, one of the girls decided to dash outside and pick up a paper. As we took turns glancing through the paper—column after column—on my second time around, I started reading the first three letters, and then the numbers and WOW—there it was. At that point the news went out and the excitement spread from me to all my co-workers and family. Briefly, production stopped.

It wasn't just a ticket drawn for a consolation prize, but drawn for a horse; namely KAMUNDU. This meant the horse could place 1st, 2nd, or 3rd in the race. However, the ticket at that moment was guaranteed \$1,200 for being drawn on a horse.

Confirmation was received from Ireland, and I was told that further notice would be received the following week if the horse placed or not. The initial shock wearing off, both my husband and I tried to wait calmly for the race.

Wednesday arrived of the following week! When I arrived at work the Department was waiting with a congratulation banner — shouts — and good wishes. KAMUNDU had placed third and with winnings of \$24,000. Unbelievable? You cannot imagine!

Leggy Litton Lasses Unmindful Of Midis



A Note To Data Systems Employees

From George Shaw

Director Of Industrial Relations

With the monthly publication of *News & Opinion*, management strives to keep you informed of happenings within Data Systems Division. We feel you are keenly interested in the business and how employees are contributing to its present growth. We have tried to balance the publication with stories about our people and products, as well as human interest features, and information on employee benefits and recreation activities.

In order to promote two-way communication, we have carried a special feature called "Comline" which enabled employees to submit letters to the editor on just about any subject. Because *News & Opinion* is published on a monthly basis, I would like to encourage the use of other channels of communication that allows more *real time* response to employees' personal concerns. It is my personal belief that each employee should feel free to discuss with management any matter concerning his own or the company's welfare. One of the goals of DSD management is to make prompt and fair adjustment of any valid complaint that occurs in the day-to-day operation of the business.

I feel it is important to maintain an atmosphere of open communication, and the following are the steps you may take in seeking an answer to a question or a solution to a problem.

1. You should go directly to your supervisor with a work-related problem.
2. If this is not practical, or you have tried it without satisfaction, you can go to your supervisor's superior or your area Industrial Relations representative. Effective October 1, an Industrial Relations representative was assigned to each function to assist managers in all aspects of Industrial Relations. These people are:

Fred Goldsmith—Engineering

Aris Modon—Operation and Administration

Roger Mackoff—Programs Management, Advanced Programs, Finance and Marketing

Noel Pugh—Ship Electronic Systems (at both El Segundo and Canoga Park)

3. If, after this, you have not had the matter resolved, you can call or write my office, and I will personally review the facts involved and try to settle the matter in a mutually satisfactory manner. Letters and matters of general interest will be currently answered either by bulletin board notices or some other form of "flash" publication.

I would also like to point out that Dr. Lea Burke, employee counsellor, is also available to discuss non-work-related problems. Over the years she has worked with DSD employees in resolving and coordinating the solution of problems through community-health and welfare agencies.

I would like to re-emphasize my interest in encouraging the further development at DSD of open lines for two-way communication, and I personally welcome your comments on this subject.

George B Shaw



recreation scene

CALENDAR

ART GUILD—Meets every Thursday evening at 7 p.m. in the Recreation Cottage. Contact Dave Evans, X4023.

CAMERA CLUB—Next meeting Tuesday, October 20, at 6:30 p.m. in the Recreation Cottage. Contact Frank Kalishok, X2836.

COIN CLUB—Next meeting Sunday, November 8, at 2 p.m. in the Recreation Cottage. Contact Dave Loffswold, X4401.

DANCE CLUB—Meets every Monday at noon in the Recreation Cottage. Special Folk Dance class on Wednesday, November 4. Contact John Purdum, X2384.

EQUESTRIAN CLUB—Next ride Sunday, October 25, at 8:45 a.m. Contact Ed Peterek, 887-2386.

GOLF—Guys and gals Spook or Spooft tournament Tuesday evening, October 27, Van Nuys Golf Course. Contact Jean Smith, X2997.

GUITAR CLUB—Meets Thursday at noon in the Recreation Cottage. Contact Karol Twarowski, 887-3915.

GUN CLUB—Next rifle match Saturday, October 24, at 9:30 a.m. Next pistol match Friday, October 23, at 7:30 p.m. Contact Bruce Kamba, X2792.

MEN'S GOLF—Next tournament Saturday, November 14, at the Ojai Valley Inn at 8 a.m. Contact Reuben Raymond, 322-9220, X1561.

WOMEN'S GOLF—Next tournament Saturday, November 21, at 10 a.m. at Verdugo Hills Golf Course. Contact Clara Johnson, X2251.

PROSPECTORS CLUB—Next meeting Wednesday, October 28, at 5:45 p.m. in the Recreation Cottage. Contact Bill Tocher, 887-3492.

ROCKHOUNDS—Next meeting Thursday, November 12, at 6:30 p.m. at the Alpha Beta Market Auditorium, 9100 Reseda Blvd. Contact Merle Haskins, X4245.

ROD AND REEL—Next fishing trip the weekend of October 24 out of Port Hueneme. Contact John Perry, X4266.

TOASTMASTERS—Next meeting Tuesday, October 20, at 6:30 p.m. Contact Lee Seelig, X2429.

SNOW SKI—Next meeting Wednesday, October 21, at Fred Rick's the corner of Nordhoff & Van Nuys Blvd. If snow, first trip of the season the weekend of October 29-30 to Mammoth. Contact Chris Dubois, X2743.



THE CHESTNUTS, the top team in the National League, took the Men's Intramural Softball World Series beating the Beavers of the American League the first 2 of a 3-game series. Shown at victory celebration are, front, (l-r) Mike Smathers, Danny Vallas, Bob Triggs, Tom Brogan, Ed Hammond; back, John Schwedes, Ed Kissel, Dave Cross, Don Deal, Rich Zbriger and Paul Mauro.

GOLF CHAMPS—Displaying their trophies for the DSD Summer Twilight League are: front row (l-r) "A" Flight, Bob Sipes (captain), Joe Rogers, and Jim Wood; second row, "B" Flight, Mike Mellick (captain), Wayne Bruhn; "C" flight, George Bridgen (captain), and Jack Polevoi. Another "B" Flight winner, Bob Calverley, is missing from photo.



Ham Radio Club Plans Open House

The Ham Radio Club wants all employees and their families to get a foretaste of amateur radio operation. On Wednesday, October 28, from 7-11 p.m., they're having open house in Bldg. 32. They'll be demonstrating a complete radio station covering frequencies of 160 through 2 meters, and giving information about their forthcoming training class.

"We have an interesting, informative evening planned," said Herb Goodman, representative of the Club. "Anyone not familiar with amateur radio operating should be pleasantly surprised to learn the scope of this hobby. There's so many facets to amateur radio—teletype, FM, TV, and single side band, and each offers many rewards in public service and enjoyment. As part of civil defense, many of us were able to assist in

the recent fire by receiving and transmitting information to the Red Cross. As for enjoyment, what could be more fun and interesting than making friends all over the world."

Refreshments will be served at the open house and ham operators will be handy to answer questions and demonstrate the various equipment. Also on the evening's agenda is a movie narrated by two ham enthusiasts—Arthur Godfrey and Barry Goldwater, Sr.

Bldg. 32 is located at G/CS in Canoga Park. To enter, come to the guard station in Bldg. 30 (nearest entrance to De Soto on Burbank Blvd.). There will be signs posted at the guard station next to Bldg. 30, and club members will be there ready to show you the way to an exciting, worthwhile hobby.

Up, Up, And Away

Ground School And Flight Instruction Offered By Flying Club

The Flying Club, a newcomer to the recreation scene, is successfully off the ground. Experienced pilots and neophytes are finding that the Club has a lot to offer.

Those who already have their pilot's license are taking advantage of the special rates obtained by the Club at Lestro Aviation (right next to Litton). Several others, who completed the first ten-week ground school at DSD are now taking flying instructions at reduced rates, and all the Club members are benefiting from the special insurance fund which supplements the aircraft rental insurance.

The Club is continuing to offer free ground school to prepare the learner for the written F.A.A. private pilot's examination necessary to start flight instruction.

The ground school covers such information as: principles of flight, federal aviation regulations, flight instruments, weather, navigation, and aircraft operation and performance. All of the materials except a plotter and a flight computer, which the learner will need for his future flying, are furnished by the Club.



CHARTING THE COURSE for the Flying Club are new officers of the Club (l-r) Norm Godbey, president; John Kuzma, treasurer, Joyce Allmandinger, secretary, and John Lawrence, vice president.

"We know there are some wives who fly with their husbands who may not want to fly the plane themselves, but would like to know how to contact the control tower or to be able to handle the plane should the need arise," said Norm Godbey, president of the Club. "These 'pinch hitters' may attend with their husbands and they need not take the pilot's examination or continue on for a license. This 'familiarization' ground school will give them the knowledge they need to discuss flying, or handle a plane with assist-

ance from others."

Now in session on Tuesday nights from 6-9 p.m. in Room 320D, Bldg. 49, the classes are taught on a recurring basis so that entrance may be at anytime. Twelve meetings constitute fulfillment of the course.

DSD employees and their families may enroll by calling Joyce Allmandinger at 887-4681.

If you would like to know more about the Club, you're invited to attend their next meeting at the Skytrails Restaurant on Tuesday, November 3 at 5:30 p.m.

DSDers Keep Fit Playing Tennis, Handball



Tennis—Tues. nights, 7-10 p.m., SFVSC



Handball—Thurs. nights, 6-8 p.m., SFVSC



The Bargainmart

a free service to employees.

Next deadline—Thursday Noon, November 5

FOR SALE

WORLD BOOK ENCYCLOPEDIAS—And Childcraft sets. The finest encyclopedia on the market and an xlt Christmas gift. 882-2302 aftr 6 p.m. and wknds.

CHEVY—'66 Impala Convertible. air cond, must sell, gd cond. 341-6757 aftr 6 p.m.

VW—'64, 46,000 mi. \$700. 784-7046 eves or wknds.

MG-TD—'52, beautiful cond, midnight blue laquer, A-1 mech, elec, Perellis', tonneau cover, \$1,400 or trade. Bill Hodin, 454-0161

FORD—'69, Falcon, 6 cyl, standard trans, r & h, pwr strng, low mi. Make offer to Bob Crystal, Credit Union, W.H. 887-2370

FORD—'65, Galaxie "500", r & h, air cond, pwr strng, gd tires, clean in & out. \$895. 361-5008 eves or wknds.

PORSCHE—'64, model 356C, xlnt cond, many xtras. Asking \$2,800, will consider trade. 886-0538

BUICK—'62 Invicta, 4-dr hardtop, air cond, pwr strng brakes & windows. Nu tires. 278-7145 eves & wknds.

FORD—'64 Comet, 301 3/4 Eskie Cam, B/W, 4-sp trans, xlnt cond, bst offr, 845-4485.

VW—'68, automatic, r & h, clean thruout, \$1,500. 780-5233

VW—'70 Fastback, like nu, beige/brown interior, auto, 9,800 mi. 343-6661 aftr 6 p.m.

HOUSE—Sale or lease option, Sylmar, 1 yr nu custom blt 3 bdrm, 2 ba, fam rm, bltins, carpets, frpl, serve-thru bar from kitchen to patio, landscaped. 367-8004 or 367-3993

YAMAHA—80 C.C. Trailmaster, '65, Step-Thru model, 800 orig mi, A-1 cond. \$175. 367-6982

BOOKCASE BUNK BEDS—Complete, xlnt cond. \$75. 882-2302

TWIN BEDS—Maple, complete, Pair \$45. 349-8478

BABY FURNITURE—Babyline deluxe crib w/ mattress, \$30. Matching 5-drawer chest, \$30, or both for \$50. Xlnt cond. 341-4192



RECOGNIZE HIM?—In summer he delivers DSD mail; in winter he delivers concert music at the Grady Gammage Auditorium in Phoenix, Arizona. Jack Birenbaum also travels with the Phoenix Symphony Orchestra throughout New Mexico, Arizona and Utah.

21" TV—Pecan cabinet. *\$35. 349-8478

WIG—Luxurious, hand-tied human hair. 22" long, never worn, spice brown (dark au-burn). Will fit large head. Sacrifice for \$40. (805) 495-5772

POOL TABLE—Standard size 3 1/2' x 7', Complete with balls, cues & rack. \$25. 360-6668 aftr 4 p.m.

FURNITURE—Queen Anne bdrm set, \$100. Antique mirror, \$36. Elec alarm clock, \$6. Herendron oval coffee table, \$70. 784-7046

FRIG—Coldspot, Sears, nearly nu, side by side, coppertone, xlnt cond. \$485. 786-1380/day, 787-5183/eves

PLAYPEN—With pad. Baby Aristocrat hardwood, xlnt cond. \$15. 788-9648

SUZUKI—'70, F-50, low mi. \$175 or bst offr. 765-3998

RODAC AIR FILE—(body & fender). \$165 value, sell for \$110 or bst offr. 765-3998

DISHWASHER—Lady Kenmore, top-loading portable with 4-wash selections, copper, A-1 cond. \$60. 346-4288 before 2 p.m.

AIR COND—Chrysler, 600 BTU, fits window 32" x 16", 2 speeds, \$50. 346-4288 before 2 p.m.

BIKE—Schwinn Pixie, 20" child's bike. 349-5417

POODLE—Toy AKC silver. 8 weeks' old. 342-4064

GO CART—Briggs & Stratton engine, nu brakes, fast, \$60. 363-3075

ORGAN—Conn minuet spinet, xlnt cond. \$450 or bst offr. 884-0319

COAT—Lili Ann, size 12. White wool with Norwegian blue fox collar. Worn three times. \$90. 786-6746 aftr 6 p.m.

BASE ACCORDIAN—With case, \$130. 786-6746 aftr 6 p.m.

MINI-PIANO—Hardman & Peck. Gd tone, beautiful cond & fits anywhere, \$350. 888-8065

MISC—6 pc formica dinette set, gd cond, \$25. 25 ft pool hose, \$10. 885-0246

MISC—Hanging fireplace screen. Fits opening 36" wide x 27" high. \$7. Large roof rack, ideal for station wagon. \$5. (805) 495-5772

TABLE LAMP—Nu, marble & gold base, white shade, 3-way ltng. Sacrifice for \$40. 342-4636

FOR RENT

CABIN—Crestline/close to Lake Gregory. Sleeps 10. Furn except linens. \$10/day or \$50/wk. 788-9648

CABIN—Crestline/Lake Gregory, 3 bdrm, all weather, walking dist to lake & village. Furn except linens. \$15/day or \$90/wk. 363-8734

CONDOMINIUM—Beautifully decorated at Mammoth Lakes. 2 bdrm & loft, sleeps 14. 2 ba, dishwasher, linens, Jacuzzi, Sauna & pool. \$30/day or \$125/wk. 781-7903

WANTED

EXERCYCLE—Manual with adjustable tension & rowing action. (805) 252-4228

WIG STYLING—Expert work done in my home. Reasonable. 345-5992

ENCYCLOPEDIAS—Americana or Britannica world & yearbooks. 341-4921

TRAVEL TRAILER—14 or 15 ft, clean 780-1321

Help Wanted At DSD

The \$100 reward for referrals is still in effect. DSD employees can be winners by referring candidates to Tom Marley, 781-8211, X2728, mail station 47-04.

CIRCUIT DESIGN—Perform unit definition and detailed design of analog circuits for military display equipment. Types of circuits include high-speed D to A converters, wide-band operational amplifiers and video mixing circuits.

LOGIC & CIRCUIT DESIGN—Circuit and logic design of FSK Data Modems. This includes the design of active filters, amplifiers and discriminators. It is desired that the applicant also have experience in the design of radio circuits, digital-to-analog conversion techniques, and logic design.

TACTICAL & INFORMATION SYSTEMS—Programmers with experience in design-

ing and programming tactical data systems, management information systems and associated executive programs.

DIAGNOSTIC COMPUTER PROGRAMS—Programmers are needed to develop and use sophisticated techniques with fault detection, fault isolation and system check programs. These programs are for advanced general purpose computer multi-programmed systems.

PROGRAMMERS—are also needed with experience in designing maintenance and acceptance programs for equipment associated with CP642 series computers (NTDS). **COMPONENT ENGINEERING**—Assist circuit designers in the selection of components. Prepare procurement specifications and preferred parts manuals. Evaluate and qualify new components and suppliers; perform failure analysis and vender surveillance.

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