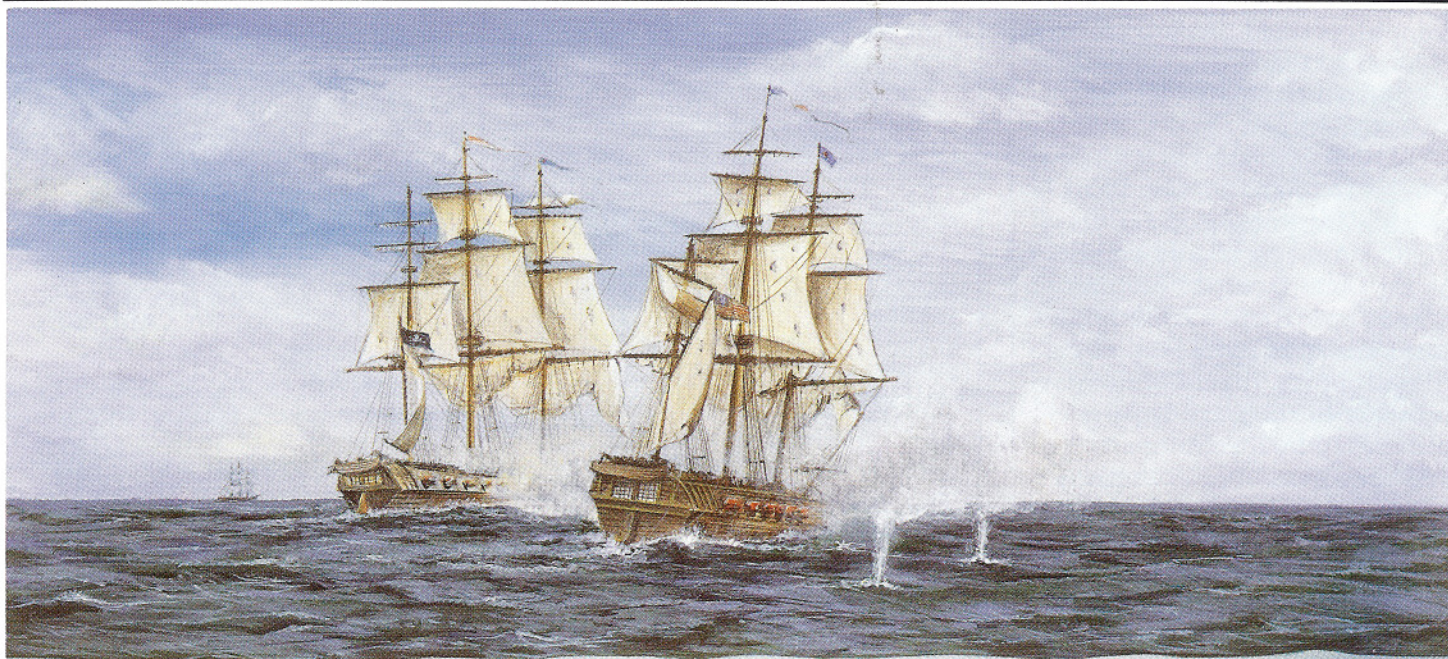
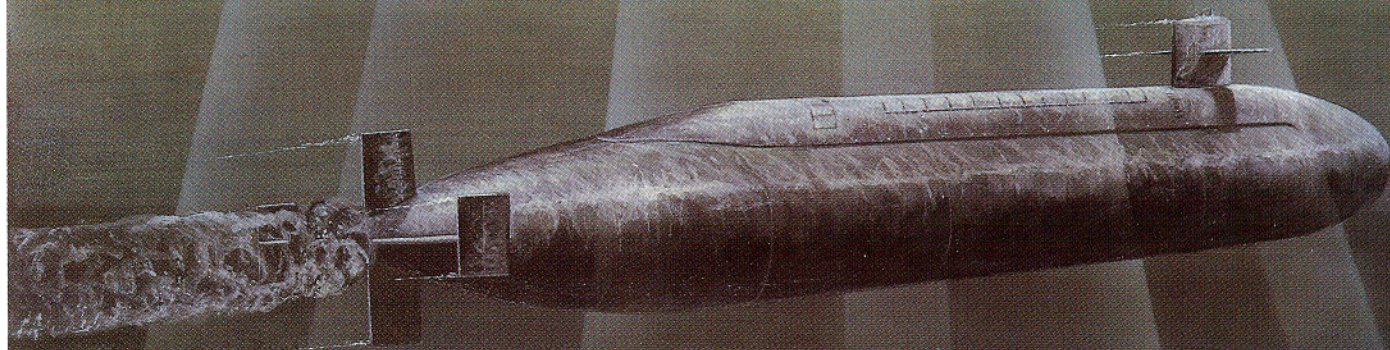


Librascope Corporation, Glendale, California



Librascope
Naval Combat Control
A Long History on the
Leading Edge . . .



Illegal Software . . .

by Carl Sorensen
VP, Quality & Information Systems

Copyright Infringement is Fraud!

With the ever increasing use of computers throughout the Company, it is time once again to remind everyone that it is strictly against Company policy, and the U.S. copyright law, for any employee to knowingly make, use, or install any copies of software that are not specifically authorized by the manufacturers license agreement. **It must be emphasized that this applies to any illegal copies, regardless of whether the original copy was purchased by the Company or someone else.** For example, if an employee brings an illegal copy from home, the Company strictly forbids the use or installation of that copy on any of its machines for any reason—no matter how temporary it may be.

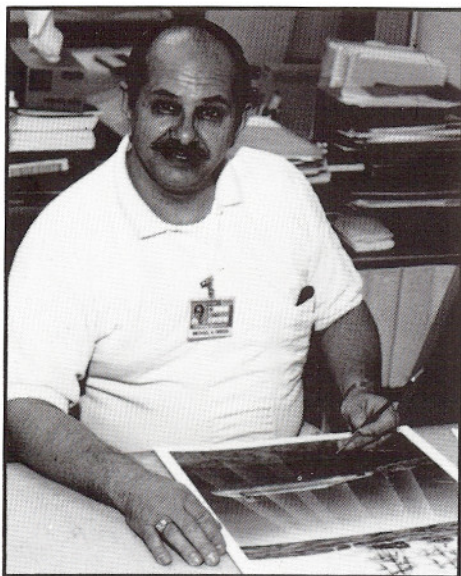
To correct any potential problems, the Company strongly encourages the timely reporting of any illegal software that may exist on Company premises. If there is a need, the Company will promptly purchase legal copies. Suspected problems should be reported immediately to your supervisor, or through the "Feed-

back" program to the president if you wish your report to remain confidential.

Librascope employees are reminded that according to Procedure 9020, issued September 12, 1986, "Personnel responsible for duplication or other unauthorized use of purchased software, are subject to termination of employment as well as civil and criminal penalties." Employees should also keep in mind that the Company's policy and U.S. copyright law also applies to making photocopies of copyrighted documents. That is why "A Legal Reminder" message is posted on all Company photocopiers.

Copyright infringements can also result in large corporate fines. As of November 1, 1991, when the U.S. Sentencing Commission (USSC) added a new Chapter 8 to the United States Sentencing Guidelines (USSG), corporate America has adopted a new slogan: "Don't do the crime, if you can't pay the fine!" Under some circumstances, the maximum fines under the new guidelines can total almost \$300 million! ■

The Man Behind the Cover . . .



Mike Green had not even put the finishing touches on the poster he was painting when everyone wanted one!

The beautiful 16" x 20" poster, used as the cover of this issue of the Librazette, was created by Mike to be handed out at the Navy League Sea-Air-Space Exposition '92 attended by Librascope April 14-16.

Mike, a Commercial Artist at Librascope for 23 years, is responsible for designing company brochures, cover art for proposals, and show exhibits, as well as producing data sheets and technical graphics. Great work Mike!

The 16 x 20 color poster is available for employees at all guard stations. One per employee please!

AN/BSY-2 HIGHLIGHTS

Limited Production (LP) Unit Design Certification Test (UDCT) . . .

The first LP Combat System Display Console (CSDC) is currently going through Unit Design Certification Testing (UDCT). The first phase of the testing covering the Color Display Monitors (CDM's) was successfully completed at our subcontractors facility, Interstate Electronics Corporation, on 13 April.

The second phase dealing with the balance of the CSDC testing is scheduled for completion by the end of May.

Completion of the UDCT is required prior to the delivery of LP hardware.

Physical Configuration Audit (PCA) . . .

Product Certification Audits (PCA) required to establish a product baseline were successfully completed the week of 13 April with two of our major CSDC subcontractors, Wilorco (Power Supply Mfg.) and Interstate Electronics Corporation (CDM Mfg.).

The balance of the Audits for the CSDC are scheduled for completion by the end of May.

For All Emergencies

DIAL 1111

Clean Air Is Up To You

Clean Air Week - May 2-8

- ◆ The average car produces 20 pounds of global-warming carbon dioxide for every gallon of gas it burns, and cars produce one-fifth of all the carbon dioxide emitted in the US!
- ◆ California uses more gasoline than any country in the world, except for the US and the Soviet Union.
- ◆ By the year 2000, if present trends continue, California drivers will lose 600,000 to 900,000 hours per day due to traffic congestion. That's an amount equal to 10,000 drivers stuck in gridlock for 14 years!

Thursday - May 7 "Don't Drive Alone Day"



Remember your first car? You couldn't wait to experience the joy and freedom of your own set of wheels! Things didn't turn out quite as you expected!

If you are like the average Californian, your 45-minute commute has slowed to an hour-and-10 minute crawl. It's not surprising that Californians have a "love-hate" relationship with automobiles: We love our cars but hate all others.

We equate our own cars with our personal freedom, but we waste nearly a billion hours a year stalled in traffic. And it's costing all of us more than frustration. It affects our health, our environment, and our economy.

The fastest, cheapest and simplest solution is ride-sharing. So on Thursday, May 7, try ridesharing in a carpool or a vanpool (there are 3 openings in the Canyon Country van), or take the bus (free tickets are available), bicycle, or walk.

Don't drive alone Thursday, May 7, and when you participate in the program that day you will receive a free lunch coupon and be eligible for a drawing for theater tickets, t-shirts, and other gifts—you come out a winner all the way! ■

American Lung Association Sponsors — Clean Air Week —

Clean Air Week 1992 marks the 20th year the American Lung Association has turned the nation's attention to the problems of air pollution. Air pollution contributes to lung disease, the third leading cause of death in the United States.

Several ways that individuals can make a difference are:

- ✓ *Drive Less: carpool, vanpool, take mass transit, ride a bike, walk.*
- ✓ *Practice energy conservation to reduce air pollution: maintain vehicle engines so they burn cleanly, insulate your home, recycle your trash.*
- ✓ *Provide clean indoor air in your environment: test for radon, choose environmentally friendly home products without aerosols and toxic ingredients, eliminate environmental tobacco smoke.*
- ✓ *Support legislative and advocacy efforts for effective state and local clean air regulations and enforcement.*

Vanpool Openings

Canyon Country

Librascope Vanpool - 3 Openings

Palmdale/Lancaster

Disney Vanpool - 6 Openings

If you live in the Antelope or Santa Clarita Valleys, you can get \$125 cash back just for joining a vanpool. You may also qualify for a \$100 bonus if you have a child in day care or after school care and you are in a vanpool.

For information call the Employee Transportation Coordinator at Ext. 1256

Security News

by Jack Dyer, Mgr., Security

Return of Badges Becoming "BIG" Problem

Recently there has been a high incidence of "no return" of non-employee identification badges.

As a government contractor we are required to maintain a strict control over all types of Company identification badges.

We are equally as concerned over the security and safety of our employees that these badges afford, since anyone finding and/or possessing one of these badges could conceivably gain entry into one of our buildings without the proper authority. This poses a potentially serious access control problem to the facility and to employees.

It is the responsibility of the employee who signs a visitor in with an "Escort Required" (ER) or who requests a "No Escort Required" (NER) badge to ensure that the badge is returned to Security when the visitor leaves the facility each day.

The same rule applies for employees who request "Long Term" or "Frequent" visitor—photo ID badges for non-employees—it is the responsibility of the sponsoring Librascope employee to ensure that these badges are returned to Security when this type of visitor departs the facility on a final basis. ■

Recent U. S. District Court Case Reverses Previous DoD Security Clearance Position

If you are a naturalized U. S. citizen and your country of origin is included in the list below, or you resided in one of these countries for a significant period of your life, and you have previously applied for a Government security clearance and been denied, the Department of Defense (DoD) may have unlawfully denied you a security clearance based upon past regulations that were in effect until February 12, 1988.

If you are a naturalized citizen and you believe you have been adversely affected by the former regulation concerning security clearances, contact the Librascope Security Office at X-1465.

— Countries Affected —

Afghanistan, Albania, Angola, East Berlin, Bulgaria, Cambodia (Kampuchea), Cuba, Czechoslovakia, Estonia, Ethiopia, German Democratic Republic (East Germany), Hungarian People's Republic (Hungary), Iran, Iraq, Democratic People's Republic of Korea (North Korea), Laos, Latvia, Libyan Arab Republic, Mongolian People's Republic (Outer Mongolia), Nicaragua, People's Republic of China, Poland, Rumania, Southern Yemen, Syria, Union of Soviet Socialist Republics, Democratic Republic of Vietnam (North Vietnam), South Vietnam, Yugoslavia, the Kurile Islands and South Sakhalin (Karafuto). ■



Be There When the Night Ignites!

Emerging from the deepest recesses of Mickey's imagination—"Fantasmic!"—an incredible mix of magic, music, live performers and mystifying special effects debuting May 15 every night along the Rivers of America at Disneyland. The biggest, most elaborate, most spectacular live presentation ever produced at a Disney Theme Park. Lasers, fireworks, fog, fiber optics and a floating parade of giant props materialize from thin air to interact with a cast of 50 live performers. Most unusual of all is a technology created especially for "Fantasmic!"—three giant mist screens, each one 30 feet tall by 50 feet wide, so thick that fantastic images from classic Disney films can actually be projected upon them.

With his magic water curtains, Sorcerer Mickey conjures up a striking array of fantasy characters. Some of the highlights include a wild, untamed sequence from "The Jungle Book" featuring Kaa, a 100-foot-long snake, a full-scale "Peter Pan" pirate ship. "Fantasmic!" promises to be one-of-a-kind experience that no Disneyland guest will ever forget—and to make it even better the following special discount ticket sale will be held . . .

Discount Special for Employees — June 1 thru 30 —

Tickets - \$20.50 Ea. - Includes Free Parking
(Reg. \$27.50 Adults — \$22.50 Children 3-11 yrs)
On sale in the Employee Services Office
Thursday & Friday - 11:30 to 12:30 pm

— Did You Know? —

- ☼ If you sign up for the Librascope Rideshare Program you receive two free movie tickets!
- ☼ Three or more persons in a carpool receive \$15 each per month!
- ☼ You can receive free bus passes!

— To find out more —
Call X-1256

❑ Loral Ranks High on Fortune 500 List . . .

The Fortune 500 list just published for 1991 shows Loral's ranking in the United States for industrial corporations was:

Sales— #200

Profit— #156

Assets— #164

Profit Margin to Equity— #150

Earnings-Annual Growth

Rate (10 Yrs)— #70

Loral's ranking in its industry (electronics, electrical equipment):

Profits— #13

Profits Increase— #4

Profit Margin to Equity— #12

Earnings Per Share Growth

Rate (10 Yrs)— #5

❑ Loral Among DoD's Top 100 Contractors

Loral Corporation placed 16th in the Defense Department's (DoD) annual ranking of top 100 contractors for the U. S. Government's fiscal year 1991. The rankings, based on awards made between October 1, 1990 and September 30, 1991, showed Loral with a total of \$1.28 billion in prime contracts.

In the previous year's DoD ranking for fiscal 1990, the combined dollar volume of prime contract awards between Loral and the former Ford Aerospace totaled \$1.23 billion, which would have put the new Loral in 19th place.

The annual DoD top 100 contractor ranking reflects data from prime contract awards over \$25,000. The company totals do not include contracts made by other U. S. Government agencies, such as NASA, or contracts awarded in foreign nations through their respective government. ■

❑ Loral— Defense Systems-Arizona

When the U. S. Air Force retired its fleet of SR-71 supersonic spy planes from operational service in 1990, the service suddenly found itself with a number of brand new, state-of-the-art Advanced Synthetic Aperture Radar Systems (ASARS) with no platform to put them on. Loral Defense Systems-Arizona (LDS-Arizona) had supplied SAR systems for the unique high-altitude aircraft built by Lockheed since the mid-1960's.

Recently, however, Loral's ASARS-1 has been given a new mission—aboard the U. S. Customs Service's P-3A surveillance aircraft. Earl Smith at LDS-Arizona confirmed a recently published report in *Aerospace Daily* that the Customs Service is negotiating with both Loral and Lockheed for modification and installation of government-furnished ASARS-1s on its P-3As. "We have a small contract to begin the program," said Smith. The number of ASARS to be adopted by the agency has yet to be determined, but Smith said there are "several airborne systems" involved. At the same time, no one is providing details on ASARS' new mission, although it is widely known that the Customs Service uses P-3A surveillance aircraft in support of the government's drug interdiction effort along the nation's borders. ■

❑ Loral to Propose SAR Seeker Technology for Air Force Advanced Munition

At a press briefing held recently in Washington, D.C., Loral unveiled a seeker concept for the U. S. Air Force's Joint Direct Attack Munitions (JDAM) program that would apply the company's syn-

thetic aperture radar (SAR) technology to provide autonomous guidance capability.

While the Air Force has yet to specify a JDAM seeker requirement, Robert F. Lopina, vice president of advanced programs at Loral Aeronutronic Newport Beach, told reporters that Loral's SAR, developed by Loral Defense Systems-Arizona, would be among the contenders when the service evaluates proposed seeker technologies.

The JDAM program seeks to upgrade existing conventional warheads with "smart" guidance systems that would help air-launched weapons to find their targets with pinpoint accuracy. The Air Force is expected to award risk reduction study contracts to several contractors beginning early this summer. ■

❑ Space Systems To Purchase Russian Satellite Thruster Technology . . .

Loral Space Systems has been granted U. S. Government approval to obtain Russian electric satellite propulsion systems in a deal that is the first of its kind involving an exchange of space technology between a U. S. company and the former Soviet Union.

The U. S. Government has authorized Space Systems to import the electric satellite thrusters, known as Hall or stationary plasma thrusters, which are used to place satellites in their assigned orbital position in space. Space Systems also received the first government license to export certain space system components to the Republic of Russia.

Space Systems believes that access to Russian satellite thrusters can improve spacecraft operating efficiency by reducing satellite weight, fuel consumption and launch costs. ■

Retirements



Al Lis, right, 34 yrs., Printed Wiring Assembly, with Jim Carpenter, Supvr., Final & Subassembly.



Don Mann, 34 yrs. System Test, with wife Lois.



Tony Schneider, right, 34 yrs., Manufacturing Planning & Engineering, with wife Gail, and Don Tubbs.



Maryann Maloney, 26 yrs., Systems & Procedures

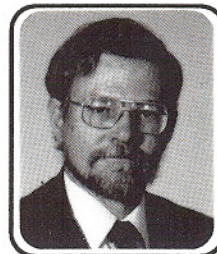
Libravets thru April



Ken Burton
35 Years
Contracts



Pat Luff
25 Years
Mgmt. Info. Sys.



Quentin Anderson
20 Years
Mech. Engr.

More Libravets: Diane Howe, 15 yrs.; Bill Flynn, 10 yrs

Promotions

Tom Cuda from Supvr., Systems Design to Mgr., Product Engineering; **James Fufts** from Staff Engineer to Supvr., Electronic Engineering; **Virginia Ayala** from Manufacturing Planner to Sr. Manufacturing Planner; **Blair Belsheim** from Supvr., Pricing and Contracts Auditing to Assistant to the Vice President, Finance; **Phillip Dimonte** from Programming Systems Specialist to Programming Research Specialist; **Douglas Dunnet** from Staff Assistant to Supvr., Project Administration; **Randy Klebe** from Mgr., Financial Planning to Mgr., Financial Planning & Cost Accounting; **Alin Tilden** from Technical Programmer to Programming Systems Specialist. ■

Exercise

A Balanced Program



Here's an ideal physical fitness regimen, as set out by the President's Council on Physical Fitness and Sports. The Council recommends a minimum of 3 workouts a week, involving a mixture of aerobics, muscle condition, and flexibility exercises.

Warm-up: 5-10 minutes each exercise session.

Aerobics: At least three 20-minute sessions each week of sustained aerobics—exercises that demand increased oxygen consumption, thereby contributing to cardiovascular fitness. These include brisk walking, jogging, swimming, cycling, rowing, stair climbing and aerobics.

Muscular strength: Two 20-minute sessions per week. While training with weights is the most effective way to strengthen all major muscle groups, simple calisthenics also work muscles against resistance, enabling them to grow or maintain their tone.

Flexibility: 10-12 minutes daily. As people age their muscles tend to shorten, so the older you are the more important it is to stretch.

Cool down: A minimum of 5-10 minutes of low level exercise.