

## SFCS Mk 1 Mod 15I To Undergo Sea Trials in Indian Ocean



At the Bombay Naval Shipyard in India, Captain Ray D'Souza, center, Indian Navy, is flanked by Librascope visitors, Ernie Pool, Vice President, Business Development, on left, and A. J. Pankratz, Director, Mk 1 / Mk 2 Programs, right. All of the Indian Naval Officers pictured above participated in the Submarine Fire Control System Mk 1 Mod 15I training program at Librascope.

Set-to-Work and Harbor Acceptance Trials are presently being conducted at the Bombay Naval Shipyard on the I.N.S. SHAKLI, with sea trials to follow, on the first submarine constructed in India, employing the Librascope-built Submarine Fire Control System Mk 1 Mod 15I.

This will complete the installation and final testing of three out of four SFCS Mk 1 Mod 15I systems built by Librascope for the Indian Navy, under a subcontract received from Howaldtswerke-Deutsche Werft (HDW), a shipbuilding firm in West Germany.

The first two submarines were built by HDW in Germany. The I.N.S. SHAKLI was built by the Indian Navy in Bombay, India.

The first two SFCS Mk 1 Mod 15I systems successfully completed sea trials in 1987 aboard the I.N.S. SHISHUMAR and the I.N.S. SHANKUSH, in the Baltic and North Seas. The fourth submarine will undergo testing next year. Librascope engineering and field service personnel are supporting the tests in India. ■

## "Something for the Future" – Theme of Savings Bond Drive

**Do Americans save enough?** Unfortunately, the answer is no. As a nation, we save only five to six percent of our after-tax income, less than any other advanced country in the world. In fact, 25% of American families have no liquid savings at all.

Saving money is never easy, and saving regularly is harder still. The Payroll Savings Plan at Librascope for U.S. Savings Bonds provides an easy, automatic method of saving regularly, payday after payday.

"It's the one way you can afford to save, no matter what your income or expenses," said Frank Yapp, Vice President, Human Resources. "Bonds offer several advantages. They are



As an added incentive to participate, ten \$50 Savings Bonds will be awarded in a drawing to be held after the campaign for all participants in the bond program.

deferred from taxes until they are redeemed, and can be completely exempt from taxes if the earnings are used to finance tuition at a college, university or qualified technical school during the year in which the bonds are redeemed."

You can't see into the future, but you can provide for it with U.S. Savings Bonds. Systematic saving is the way to achieve goals such as a new car, new home, education for a child, retirement, or a dream vacation.

The payroll savings plan allows you to set aside money from each paycheck to buy bonds. The Librascope Savings Bonds campaign will be held during the week of July 31. ■



# FEED BACK

To All Employees:

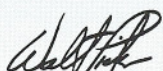
Over the past few years Librascope has initiated several programs which are intended to provide our employees with a means of communicating directly with Top Management. The most recent is our FEEDBACK program which encourages employees to communicate directly with me in regard to any of their concerns about Librascope.

We also have an Ombudsman phone line which is available to all employees. The original purpose of the Ombudsman program was to enable employees to bring to the attention of Management any instances of unfair treatment, fraud, theft, or improper or unethical conduct on the part of any employees of Librascope.

You may call Ext. 1256 (818-502-7256) to arrange a one-on-one discussion of a problem or, if you prefer, send a note addressed to the Ombudsman at M/S 305.

However, we would like to encourage employees to use the Ombudsman line or the FEEDBACK program to discuss any problem or issue you feel is not being properly addressed by Supervision or Management.

If things aren't right, we want to know about it.



Walter J. Picker  
President

## Are Your Records Current?

Employees who have recently married or made some other change in their status that would make it necessary to change the dependent coverage on their health insurance, life insurance, or for the pension program should update that information.

"It is most important that employees keep their group insurance dependent coverage correctly listed," reminded Frank Yapp, Vice President, Human Resources.

"It is particularly important to have the correct beneficiary listed under your life insurance benefits, as well as the correct beneficiary listed under your pension program benefits."

To update health insurance beneficiary information, contact the Nurse's Office, X-1240.

To update life insurance and pension program beneficiary information, contact the Compensation and Benefits Department, X-2132. ■

## 765 Years of Service!



**40 Year Employee Dave Conway**, right, receives his 40 year service anniversary gift at an awards presentation recently held for all employees celebrating 40, 35, 30, 25, and 20 years of service at Librascope. Presenting the award is Ralph Simon, Vice President, Operations. There was a combined total of 765 years of service from the Libravets being honored this year.



**25-Year Employees Honored** – Ten employees celebrate 25 years of service this year. Pictured above are seven of the ten: seated, from left, Joseph Collin, Ralph Simon, Roger Mahoney, and MaryAnn Hutnick; standing, from left, Fred Smith, Don Barton and June Pratte. Those not pictured are Harold Ferguson, Sonia McNair, and Jerry Mundy. Twenty-five year employees traditionally receive the Company's "pinnacle" year award which is a choice between a "Librascope" Bulova watch or a Bulova clock. **Other Libravets honored at the Service Award Presentation include:**

**35-Year Libravets** – Frank Primozych, Dona Filkins, and Don Tubbs.

**30-Year Libravets** – Tom Kokinda, Werner Fien, Duane Vennes, Gilbert Gallegos, Berje Bagdasarian, Dom Vennari, Kody Pappadato, William Barnett and Bill Brockway.

**20-Year Libravets** – Margie Boudinot, Lila Reynolds, Tom Mulholand, George Shyshla, and Benny Otero. ■





## INTRODUCING "VOICE MAIL"

**"A new, easy-to-use answering service that records and stores your call..."**

Now available to those employees who have Message Center as a feature on their phones, Librascope's new Meridian Voice Mail features a 24-hour Touch Tone phone message service that records your messages and stores them in your own private message center until you're able to answer them.

Meridian Voice Mail is an electronic voice messaging system that gives you an easy, fast, and dependable way to communicate with people, both inside and outside of the Company.

As convenient and easy to use as a telephone answering machine, Voice Mail offers:

- ☎ Ability to record, edit, listen to, and send messages.
- ☎ 24-hour telephone answering service – 7 days a week.
- ☎ Easy Message Retrieval – You can retrieve your messages from a Touch Tone phone 24 hrs. a day – 7 days a week.
- ☎ Confidentiality – you have your own private access code.
- ☎ Send a message to more than one person.
- ☎ Set a date and time for message delivery.
- ☎ Dial or address by name instead of extension or mailbox number.
- ☎ Play back messages either at your desk or from another location.
- ☎ Voice Mail "prompts" give commands on "what to do next" – no need to memorize commands.

For information, call Irma Castruita, X- 2281, or Pat Lehman, X- 1185. ■

## REMINDER

**Time cards must be filled out at the end of each day.**



## Did You Know?

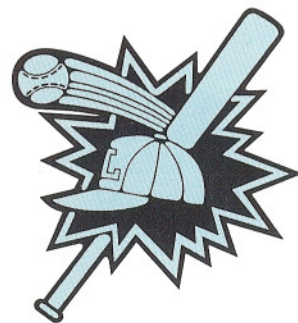
**Did you know** that there are 72 registered carpools and 188 riders in the Librascope Rideshare Program, and that most of those carpools are from the Lancaster / Palmdale area?



**Did you know** that a reduction of out-of-pocket expense of up to 66% can be achieved by switching from one to three persons per car?

**Did you know** that at Librascope there are additional benefits gained from carpooling, including preferential parking privileges, a Guaranteed Ride Home program, and special prize drawings?

**Did you know** that the Librascope Rideshare Program has been computerized, and that by calling Employee Transportation Coordinator Harriet Kaufman on Ext. 1255, she will be happy to help you find someone to carpool with! ■



## Librascope Softball Teams Win Again!

**The Librascope "Bruise Bros." Placed Second in the Glendale "A" Division Fast Pitch League** –Losing the deciding game 7-6, the Bruise Bros. beat the eventual champs, Ryan's Express, during regular league play, 11-5. The Bruise Bros., coached by Gregg Gill, Al Nelson, and Mush Velasquez, won the "B" Division title in 1989, and the "C" Division title in 1988.

**The Librascope Launchers had a very successful softball season** – The Launchers finished the season with a 7-3 record, winning games of 16-12 and 18-9. Joel Rooks led the team with three mighty home runs. Team manager, Bill Dunaway, announced sign ups are being taken for the upcoming season. Call X-1511.





## Librascope Fitness Bulletin

### Free Cancer Education and Screening Available to Employees

**Free** cancer education and screening will be available to employees, retirees, and family members, through the Mobile Screening Unit sponsored by the City of Hope National Medical Center and the American Cancer Society.

The program will be presented in two parts. The first part focuses on education about the major cancers; specifically the signs, symptoms and high risk characteristics related to the types of cancer which affect males and females – skin, lymphatic, thyroid, breast, testicular, prostate, cervical and colon-rectal.

Participants will learn how to do self examination for early detection of cancer, and learn preventive methods to prevent cancer.

The second part of the program is the physical screening examination by City of Hope medical personnel.

The free cancer education meeting will be held on Tuesday, August 14, from 4 to 5 pm, in the California Rm. Reservations are required for this

meeting. Call the Employee Services Office, X-1210.

The free cancer screening will be held at Librascope on August 21, 22 and 23, from 9 am to 3:30 pm.

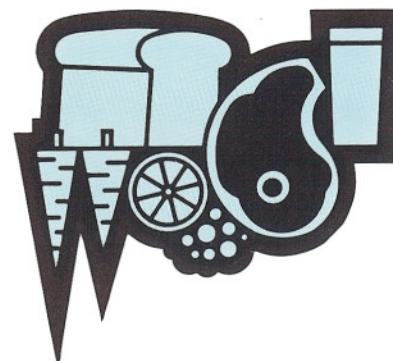
**Appointments for the cancer screening will be given at the education meeting and only to those who attend the educational program.**

The screening examination for women consists of a clinical examination of the breast, skin, lymphatic, thyroid, rectal, pelvic with pap smear (on request), and occult blood test (on request). The entire examination requires approximately fifteen minutes.

The screening for men consists of a clinical examination of the thyroid, skin, lymphatic, prostate, testicular, rectal, and occult blood test (on request). The men's examination requires only ten minutes. ■



The Mobile Screening Unit was founded by the American Cancer Society and is now operated as a joint venture with the City of Hope National Medical Center located in Duarte. Its purpose is to promote early detection and prevention of cancer, which can save many lives each year.



### Bite Size Tips on Preventive Dining

*There is no cancer-free guarantee, but some foods reduce your risk...*

- ☐ Eat five servings of fruits and vegetables every day.
- ☐ Choose at least one that is high in vitamin A (such as carrots, spinach or cantaloupe).
- ☐ Be sure one is rich in vitamin C (grapefruit, cauliflower, oranges).
- ☐ Eat at least one high-fiber food each day (corn, figs, apples).
- ☐ Choose something from the cabbage family several times a week (broccoli, brussels sprouts, cauliflower).
- ☐ Servings don't have to be large. The variety is important.
- ☐ Avoid processed foods – eat foods as close to fresh as you can.
- ☐ If you eat meat, buy the leanest possible. Choose low-fat milk and dairy products.
- ☐ Eat legumes regularly (peas, beans).

Source: California Health Department.

**According to the World Health Organization, 80 percent of cancers are linked to our environment and our lifestyles.**



# Computer Corner

by  
Carey Capaldi

This is the second in a series of articles on UNIX utilities and C-shell programming, written by Carey Capaldi, Supvr., Network Administration and Support. This article will demonstrate how to use the `sort` utility. "I do not have space to demonstrate all the possible combinations of arguments, but will attempt to demonstrate some useful ones," said Capaldi.

The first thing you will need is a file to experiment with, then type the following use tabs between entries:

```
%cat>test.nl
R5 1 sig1
R6 2 sig2
R7 1 sig1
R5 2 sig3
R6 1 sig3
C8 1 sig1
C8 2 sig3
```

**<control - d>** (press and hold the "control" key and press the "d" key)

This will create a file named `test.nl` which contains a small connection list or net list. Verify the file exists.

```
%cat test.nl
```

The contents you typed above should be displayed on the screen. We are now ready to proceed with the `sort` command. We will sort this list in three ways:

1. Sort by reference designator only - this is the first field (ex R5).
2. Sort by signal - this is the last field (ex sig1).
3. Sort and unique by reference designator.

Sort by reference designator only. The `sort` command has a way which you can control the field sorted on. The following demonstrates this.

```
%sort +0-1 test.nl
```

The +0-1 indicates to sort that the first field is to be sorted, `sort` numbers fields starting with 0. Next let's sort by signal:

```
%sort +2 test.nl
```

The output should have field 3 sorted. Next, let's get a unique list:

```
%sort -u +0 -1 test.nl
```

Your output should have only one entry per reference designator. Try it again but pipe it into the `cut` utility retaining only field 1 and redirect the output to a file.

```
%sort -u +0 -1 test.nl / cut -f1 > test.parts
```

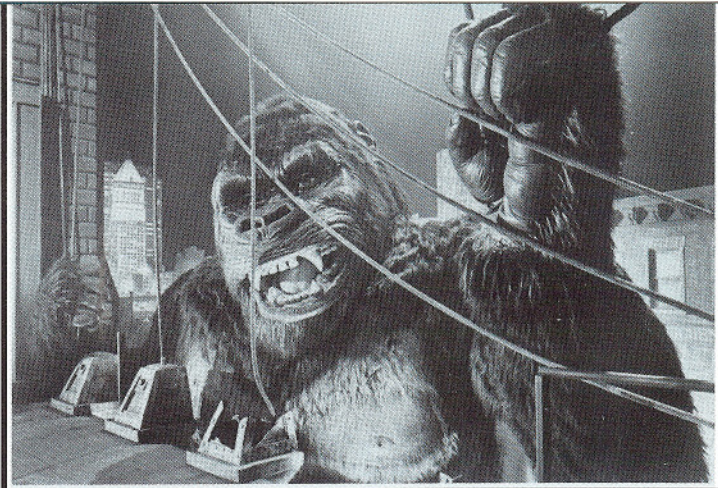
You have a list of component reference designators in a file by the name of `test.parts`. You will notice `cut` refers to fields with the `-f` and the count starts with 1.

```
%cat test.parts
```

This wraps up some examples with `sort` and one quick example of how to use `cut`. For further information refer to the `man` pages which are online, (`% man sort - % man cut`). My next article will discuss the `join` utility. Remember, any questions concerning UNIX utilities or C-shell programming can be directed to me at M/S 803.

Suggested reading:

**Exploring the UNIX System**, by Stephen Kochan and Patrick Wood - Hayden Books  
**The UNIX C Shell Field Guide**, by Gail Anderson and Paul Anderson - Prentice Hall  
**UNIX Power Utilities**, by John Muster and Peter Birns

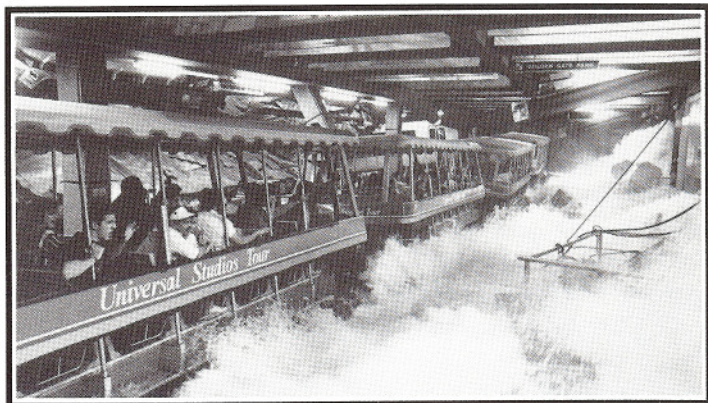


## LIBRASCOPE EMPLOYEES TO 'STAR' AT UNIVERSAL STUDIOS

Plans are underway for Librascope employees, their families, and retirees, for the 1990 Librascope Family Fun Day, to be held this year at Universal Studios Hollywood, Saturday, September 22, from 9:30 am to 8:30 pm.

Free tickets will be given: two per employee (one for the employee and one for a spouse or guest, and free tickets for their children - immediate family only). Two free tickets will be given to each retiree. Free food coupons, worth \$5, will also be given to all attendees.

Universal Studios Hollywood has just completed a \$175 million 3-year expansion, which includes three new attractions now open: "Back To The Future," Steven Spielberg's animated fantasy adventure, "An American Tail," and an all new, state-of-the-art, action comedy stunt show titled, "The Riot Act." Last year saw the addition of "Earthquake," preceded by "Star Trek", and "King Kong."



A journey through Universal Studios Hollywood's famed back lot aboard an open-air tram offers guests a rare look at Hollywood's biggest and busiest motion picture and television facility, while entertaining them with a series of unexpected "perils" and "near catastrophes" created by special effects experts.

The Entertainment Center is an unguided portion of Universal Studios Hollywood and offers live shows in amphitheaters capable of seating between 2,000 to 3,000 persons per show. There are restaurants and shops on magnificent sets, including Baker Street, London, The Moulin Rouge, Fifties America, and more!

Invitations will be mailed to all employees and retirees on August 24.

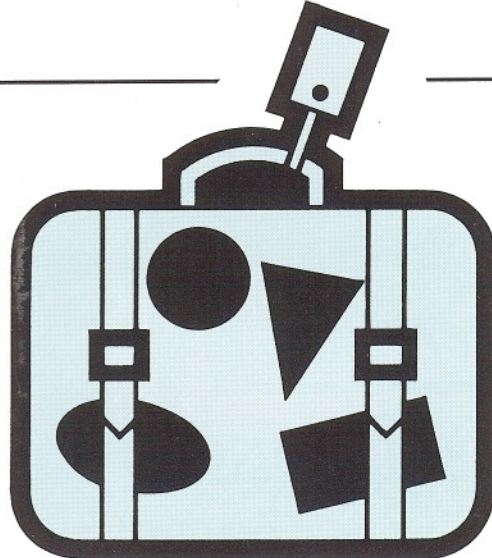


## New Employees

**Elizabeth Nicoloff**, Administrative Sec'y; **Brian Salter**, Technical Programmer; **Priscilla Gallegos**, Computer Console Operator, Sr.; **Anthony Allard**, Programming Research Specialist; **Joyce Blaskower**, Word Processor Operator, Sr.; **Carol Alexander**, Accountant-Associate; **Shirley Lee**, Accountant; **Pamela Alsheskie**, Quality Assurance Analyst-Software; **Alice Chan**, Programming Systems Specialist; **James Dudley**, Programming Research Specialist; **Brian Kelly**, Technical Programmer; **Joseph Lies**, Technical Programmer; **Valerie Edwards**, Library Assistant; **Corda Hestle**, Security Visit Control Clerk; **Allen Wolff**, Quality Assurance Mgr.; **Andrew Moskoff**, Programming Research Specialist; **David Remba**, Sr. Staff Engineer. ■

## Promotions

**Timothy MacAndrew** from Quality Assurance Software Coordinator to Tech. Programmer; **Francis Mulligan** from Security Visit Control Clerk to Classification Mgmt. Asst.; **Roberta Patterson** from Programming Systems Specialist to Programming Research Specialist; **Walter Schaedle, Jr.**, from Tech. Programmer to Programming Systems Specialist; **Melasio Velasquez** from Production Control Follow-Up to Mfg. Customer Service Coord., Lead. ■



## All Packed and Ready To Go!

"The Great Escape Weekend Special" employees' trip to Las Vegas is scheduled for **September 28-30**. Only \$130 per person includes: roundtrip bus transportation (non-smokers' bus); two nights deluxe room at the Las Vegas Hilton; superstar show in the Main Showroom, starring Engelbert Humperdinck; one continental breakfast from room service; one day's use of the Health Club Facilities; a free gift from the Hilton Boutique; bellman gratuities and taxes; and refreshments on the bus to and from Las Vegas. For reservations, call Employee Services X-1210.

## Calendar thru October

For information and tickets for the events listed below, contact the Employee Services Office, X-1210.

**Aug.**

**14**

**Cancer Screening Education Meeting**  
4:00 pm in the California Rm.

**21-23**

**Cancer Screening**  
9 am to 3:30 pm  
City of Hope Mobile Unit at Librascope

**25**

**Hollywood Bowl "Tchaikovsky Spectacular '90 With Fireworks"**  
Includes dinner at the Bowl before the concert.  
\$25 per person

**Sept.**

**7**

**L.A. County Fair**  
Sept. 7 - 30  
Discount Tickets  
\$5 Adults, \$3 Children

**12**

**Chicago**  
Universal Amphitheatre  
Tickets \$24.50

**21**

**Retirees' Dinner at Librascope**  
Invitations to be mailed August 24

**22**

**Family Fun Day at Universal Studios for Employees and Retirees**  
Invitations to be mailed August 24

**28-30**

**Las Vegas Trip**  
Sept. 28-30 "Great Escape Weekend" at the Las Vegas Hilton Hotel  
\$130 per person

**Oct.**

**10**

**Designing Your Own Weight Management Seminar**  
4 pm in the California Rm.

**20**

**Employees' 50's Dance**  
7 pm in the California Rm.

**27**

**James Taylor —**  
Universal Amphitheatre  
Tickets \$24.50