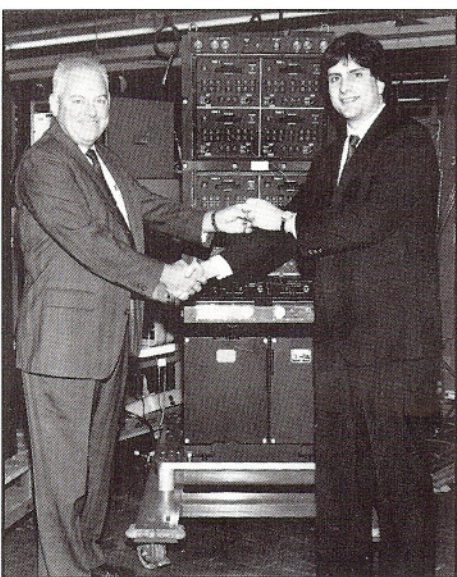


Season's Greetings!

AN/BSY-2 News:

"Banner Months for Librascope Sales"



Bob Lang, AN/BSY-2 Program Director, turns over firing keys for the first Production Command Launch Console (CLC) to Brad Magro of GE's Program Office.

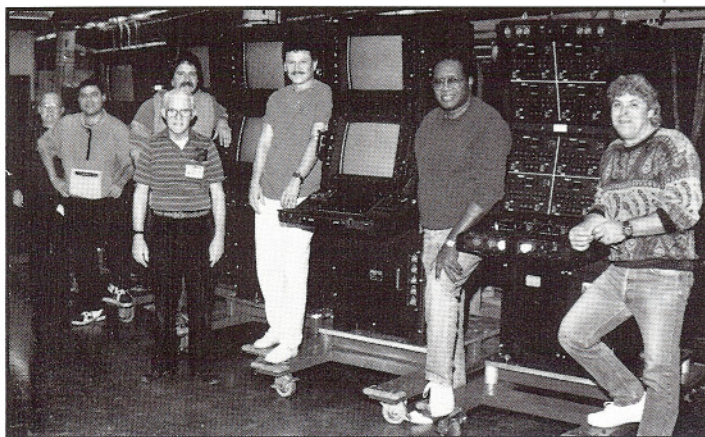
Librascope is in full swing on the production of BSY-2 hardware. During the months of November and December the Company delivered over \$40 million dollars worth of equipment. In terms of sales these are two of the biggest months in Librascope's history! Included in these deliveries were 16 Combat System Display Consoles (CSDCs), 3 Command Displays (CDs), 4 Weapon Converters (WCs), a Weapon Auxiliary Converter (WAC), a Command Launch Console (CLC) and Automatic Test Equipment for the WC and WAC.

Librascope also passed significant milestones by completing Unit Design Certification Testing (UDCT) of the CLC and the Weapon Launch Display (WLD). These tests certify that the equip-

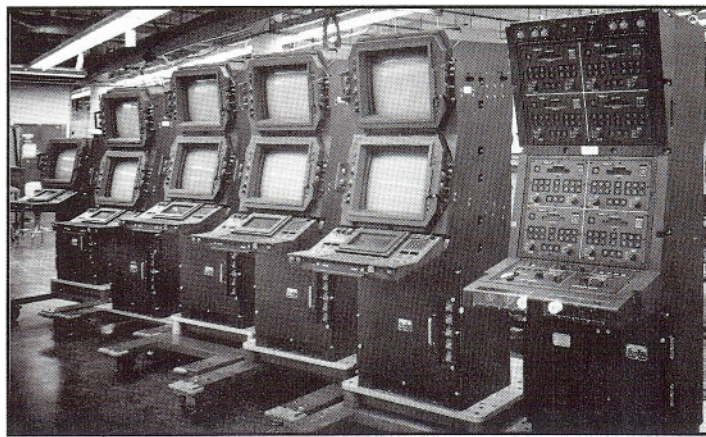
ments meet all required functional and performance criteria. In addition, Physical and Functional Configuration Audits (PCA and FCA) were performed for the CLC. Both Navy and GE participants in these tests and audits were highly complimentary of Librascope's preparedness and professionalism.

In addition to the two CSDCs that were delivered earlier for the AN/BQG-5 system, General Electric has now sold ten (10) CSDCs and two (2) CDs to the Navy. The CSDCs and CDs comprise a full set of displays for an SSN 21 submarine. These equipments are located in the GE integration facility in Syracuse, NY, and are being used to support the development of BSY-2 applications software and

Continued - Pg 2



Combat System Display Console (CSDC) Production Team—part of the team that made it all possible, from left: Bob Kent, Naim Muthleb, Bill Wieser, Bob Swanson, Armando Rivas, Larry Jenkins, Nick Fido.



From left: Command Display (CD)—four (4) Combat System Display Consoles (CSDCs) and a Command Launch Console (CLC)—some of the equipments delivered to GE in December.

"Banner Months for Librascope Sales"

Continued from Pg. 1

as part of the system integration effort.

"Our customer and the Navy have expressed their pleasure with Librascope's performance over the past two months and with the quality of the products that we are delivering," said Bob Lang, Program Director. "The hard work, long hours and dedication of all the Librascope employees who contributed directly and indirectly to the development and production of these equipments has paid off. Congratulations for a job well done!"

New Business Potential -

A significant amount of BSY-2 add on business is nearing fruition:

■ Several Librascope Field Service personnel have been interviewed by GE for positions at Syracuse to integrate Librascope's Weapons hardware and software

into the AN/BSY-2 system. GE has indicated an immediate need (right after the start of the new year) for 4 people, with a potential for additional support personnel.

■ Employees may have heard reference to the "By-The-Name" plan. This is an agreement Librascope has with GE to provide software engineers to assist GE in the development of the software to preset and launch weapons that will be carried on BSY-2 submarines. The current agreement is to develop software for 4 weapons and covers the period through March of 1993. The Company is negotiating to include additional weapons including the Submarine Launched Mobile Mines (SLMM), Tomahawk Anti-Ship Missile (TASM) and Non-Pre-settable Mines (NPMINES), and to extend the agreement through at least July.

■ Librascope is in negotiations with GE for a multi-million dollar Engineering Change Proposal to modify the interface for several weapons. Notification to start this work in January is expected, and the schedule provides for work to continue well into 1994.

"During recent discussions with GE we discussed several other ECPs that we will be asked to quote in the near future," said Lang. "In addition, the Navy is planning a weapons 'Block' upgrade that will change several of the weapons in the BSY-2 inventory and provide additional work for Librascope. Although our anticipated work for the BSY-2 was reduced significantly with the cancellation of all but two of the SEAWOLF submarines, the prospects for additional follow on work for Librascope during the coming year are looking good." ♦

News Briefs

□ **Loral Librascope Awarded \$4.4 Million Contract for Submarine Combat AI System**

Librascope has been awarded a \$4.4 million contract by the Defense Advanced Research Projects Agency (DARPA) to develop a fieldable prototype artificial intelligence-based submarine planning and control system.

The 48-month SEAPACS (Submarine Engagement Automated Planning and Control System) contract calls for a system that will provide appropriate offensive and defensive action recommendations for submarine engagements.

Librascope will also provide a proof-of-concept automated tor-

pedo attack and defense system to be demonstrated in a laboratory and at sea, and will demonstrate system design by applying it to strike warfare problem scenarios.

Once developed, SEAPACS could be installed on all U.S. Navy submarines by 1996, bringing enhanced survivability, improved mission effectiveness and increased cost effectiveness to the fleet. The program will be headed by Irina Vainshtein, Supervisor, Intelligent Systems. ♦

□ **DASA Joins Loral's International Commercial Space Alliance**

Germany's Deutsche Aerospace AG (DASA), a unit of Daimler-Benz, has become a strategic

partner in Space Systems/Loral by purchasing a 12.25% interest.

DASA joins three other major European companies -- Aerospaciale Societe Nationale Industrielle, Alcatel N.V. and Alenia Spazio S.p.A.—as equal minority partners in the alliance, which was formed in 1991. The now four minority partners in total comprise 49 percent of the ownership of Space Systems/Loral, Palo Alto, CA.

As part of the transaction, Loral made an additional contribution to retain 51 percent of SS/Loral.

Space Systems/Loral, with an order backlog of 16 satellites and \$880 million and annual revenues of over \$400 million, designs, produces and supports commercial telecommunications and weather satellite programs for domestic and international customers. ♦

New DCMC Quality Assurance Representative - "Familiar Face"



Jeanette Armstrong

Librascope, Jeanette transferred to American Safety in Glendale, and then on to EEMCO in Los Angeles.

Returning as DCMC's team leader at Librascope, Jeanette's objectives include the development of her own organization by:

- Providing the necessary leadership.
- Promoting a strategic focus upon established DCMC goal attainment.
- Supporting the actions necessary to ensure customer satisfaction.
- Enhancing customer relations through effective communication and teaming.

In conjunction with the above, Jeanette is committed to facilitating and improving the level of In-Plant

Jeanette Armstrong has returned to Librascope as the new Defense Contract Management Command (DCMC) Quality Assurance Representative (QAR). If she looks familiar, it's because her very first Government assignment was at Librascope as a DCAS Quality Assurance Specialist back in 1985. After two years at

Quality Evaluation (IQUE) at Librascope. IQUE is the method by which Government in-plant QA personnel evaluate contractors' controls over product quality. The Government has adopted a teamwork approach to measuring and continuously improving processes and the resulting product quality. This goal, in conjunction with the concepts, philosophies, and tool of Total Quality Management (TQM), will ultimately reduce costs and promote customer satisfaction.

Jeanette sees a change in the way the Government will control contractor quality in the future. As the Government's current efforts precipitate increased process measurability and control, DCMC will take on a more generalized role. Government personnel will be organized as teams that will circulate among contractors to monitor established contractor system compliance. The IQUE concept, developed to this degree, will expand the effectivity of the Government's Quality personnel as well as elevate the performance of individual Government contractors.

The philosophies of both Jeanette and the Company will ensure that the teamwork approach to continuous improvement remains alive and well at Librascope. As Jeanette said, "We're all in this together!" ♦

New Functional Manuals to Debut in January

Since April, Systems & Procedures, along with the assistance of many others throughout the Company, has been "rightsizing" the quantity of Company forms, manuals, and documents (policies, procedures, job instructions, and engineering process instructions), to a level more consistent with the Company's reduced size.

Although the document revision and elimination portion of the project is still in process (scheduled for completion in June 1993), the new Functional Manuals will be distributed in early January in order to simplify the distribution process for documents yet to be revised.

Functional Manuals will soon be provided for Engineering, Finance-Contracts, Operations, Quality, and Resource Management.

For recycling purposes, Systems & Procedures has recently requested the return of binders for 11 types of obsoleted manuals. This recall totals approximately 260 manuals.

"Special-purpose" type manuals; i.e., those which are used for training, reference use in audits, etc., will still be available, but only on a "on-demand" basis. Furthermore, these manuals will no longer be controlled; i.e., assigned to the requestor for the purpose of distribution of revisions. Instead, they will simply be reprinted each time there is new training class or an audit.

Another new development is the availability of the Sherpa Systems & Procedures Database—a computer-based document control

system—which may be accessed by any user on the Ethernet network to obtain current status of documents found in the Functional Manuals. Users may view the record(s) and may copy read-only electronic files to their personal computers for viewing. The records contain the following information about a specific document: title, type of document, release date, functional manual, software format, and status (released, in process, or retired).

Employees can call Systems & Procedures, X-1069, for instructions on how to access and use this database. In the future, network users will also be able to access records on "forms" records and "special-purpose" type manuals. ♦

"I Survived the Metrolink Train Crash"

By Anthony Allard

My story of the "first" Metrolink train crash, which occurred on November 25, began as I departed for work from Santa Clarita seated in the upper level of the lead car. The lead car is a passenger car with a small cabin up front for the engineer. The train travels at reduced speeds as it leaves

Santa Clarita but accelerates to a velocity of approximately 79 mph when it enters the San Fernando Valley. That's when the collision with the dump truck took place!

I was leisurely reading the newspaper when just before the collision I heard the engineer scream "Oh ----!" Immediately after his exclamation I heard a very loud explosion and felt the impact of the dump truck. I was tossed around like a human pinball and landed on the floor. Parts of the dump truck were flying past the windows. Then the dump truck's fuel tanks exploded, creating an envelope of fire which engulfed my car. All I could see was a solid wall of fire through the windows on both sides. The train began to



derail and my car started to tip over but stopped short. My first thought was to see if anyone in my car was hurt and needed assistance. Miraculously, no one was seriously injured.

Looking back at the train after disembarking I saw that the brunt of the collision was absorbed by the lead car—the car I was in!

Even though I may have lost one of my nine lives on that day I still ride the Metrolink train to work. I consider it a far better and "safer" way to commute compared to traveling the freeways!

Note: Anthony is a Programming Research Specialist at Librascope.

For Metrolink Information
Call 1 (800) 371-LINK

1993 FICA & SDI Tax Information -

The 1993 FICA social security taxable wage base will be \$57,600., an increase of \$2,100 over the 1992 base of \$55,500. The Medicare taxable wage base ("Hospital Insurance" portion) will be \$135,000. Tax rates for an employee's wages for 1993 will be 6.2% for social security and 1.45% for the Medicare/Hospital Insurance portion of the tax, and a matching amount from the employer.

For SDI purposes, the tax base will be \$31,767 in 1993. The new SDI rate is 1.30% as compared to 1.25% for 1992. The maximum amount of SDI tax payable by an employee will be \$412.97. This is \$15.89 more than the \$397.08 maximum paid in 1992. ♦

Paychecks Available During Holiday

Payroll checks for the week ending December 25 will be available for pick up during the plant closure on Wednesday, December 30, in the Bldg. 8 Lobby, between 9 am - 11 am.

The normal distribution of payroll checks for week ending December 25 will be made on Thursday, January 7.

1993 Holiday Schedule

Washington's Birthday Observed — Mon., February 15
Good Friday — Fri., April 9
Memorial Day Observed — Mon., May 31
Independence Day Observed — Mon., July 4
Labor Day — Mon., September 6
Thanksgiving Holiday — Thurs. & Fri., November 25 & 26
Christmas Holiday — Thurs. & Fri., December 23 & 24
Floating Holiday — Mon. & Tues., December 27 & 28
Plant Shutdown — Wed. & Thurs., December 29 & 30
New Year's Day Observed — Fri., December 31

