



COMSAT

**Communications
Satellite Corporation**

TODAY

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You Don't Have to Be Alone

The Employee Assistance Program Can Help
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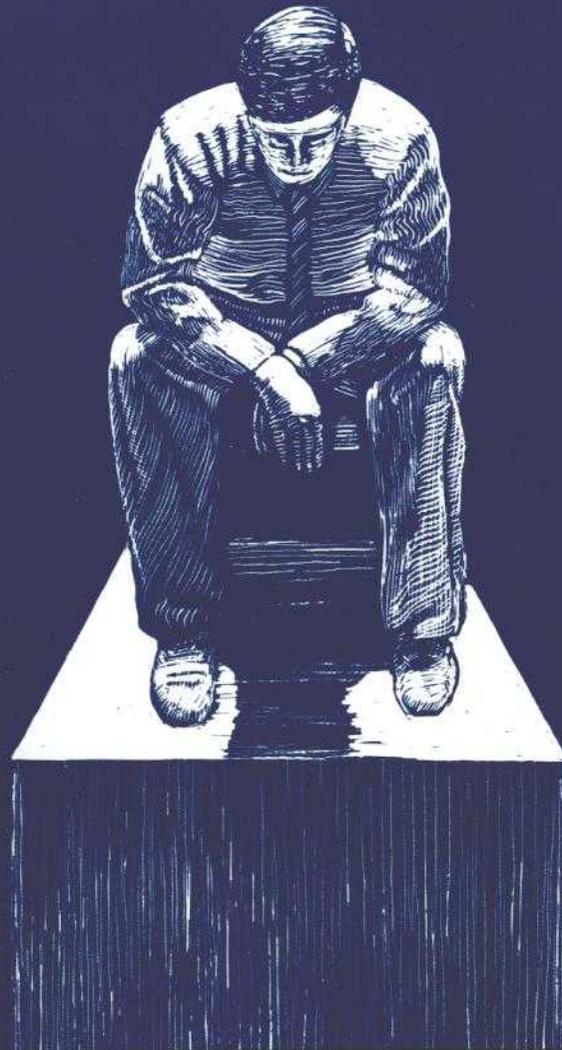


ILLUSTRATION BY JOHN BURNS

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Employee Assistance Program: Don't Go it Alone

One of the many benefits available to COMSAT employees is the Employee Assistance Program (EAP). Designed to help employees get the professional help they need to tackle a tough personal problem, EAP is free and absolutely confidential.

Get Help Right at the Start

The program can be a valuable resource for a COMSAT employee when a personal problem starts to become a distraction. A pre-paid, confidential counselling service, EAP is not only available for employees, but for other members of their household as well.

COMSAT recognizes that personal problems away from the workplace may interfere with an individual's on-the-job-performance and well-being. When this happens, both the individual and the company suffer. Through EAP counselling, personal problems can be resolved leading to a "win-win" situation for everyone involved.

How It Works

Employees can contact the EAP directly by dialing (301) 656-4230 or 1-800-888-CARE. The first number will connect you directly with one of the

Washington, D.C. area counsellors. The second number will put you through to Personal Performance Consultants (PPC). PPC is an independent firm which manages the network of counsellors in place to help COMSAT employees. If a call is made to the 800 number, the person you speak with will give you the phone number of a counsellor convenient for you.

In very extraordinary circumstances, a COMSAT supervisor may offer to contact the EAP on behalf of an em-

ployee. However, it is completely up to the employee involved to accept the offer and follow up on any personal counselling. Even if a referral is made by a supervisor, he or she will never become involved in the counselling process.

EAP is ideal for helping people solve problems when they first arise. But to do any good, it has to be used. So if problems at work or at home are getting you down, don't go it alone, give EAP a call and start to search for a solution. ■

Details About EAP

WHO: The Employee Assistance Program (EAP) offers help to COMSAT employees and their families with personal problems.

WHAT: EAP is a confidential counselling service with trained and experienced professional counsellors.

WHEN: COMSAT employees and their family members can contact EAP counsellors 24 hours a day.

WHERE: EAP provides counselling in privacy, away from the workplace. Calling the special 800 number is the first step in finding the most conveniently located counsellor for you.

HOW: In the Washington, D.C. area, call (301) 656-4230. Elsewhere, call 1-800-888-CARE.

WHY: To get help solving personal problems that may come up for you or your family. ■

Clarksburg CEA



Photo: Carrol Haugh

This is the Clarksburg half of the COMSAT Employees Association (CEA) which worked to bring about July's successful employees' picnic. From l-r; Tim Salerno, Kevin Grantham, Alethia Watkins, Robin Faller, Camilla Holaday, Greg Little, and Jim Helms. CEA members not pictured are; Pat Marsh, Debbie Mendez, Jeff Opiekun, and JoAnn Torres. Plaza CEA members who weren't included in last month's photo include: Bernie Gusman, Cheryl Moore, Shirley Pitts, Ynetta Johnson, Michelle Gill, and Jeryl Johnson.

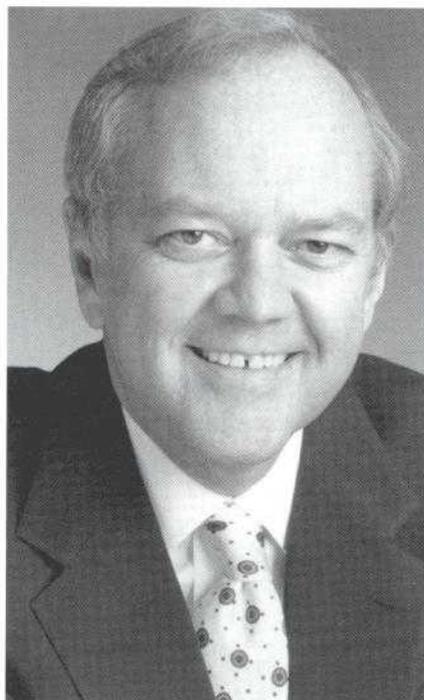
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Wussler To Take The Helm at CVE

Robert J. Wussler will take over as president and chief executive officer of COMSAT Video Enterprises September 1, COMSAT Chairman Irving Goldstein has announced. Wussler is currently senior executive vice president of Turner Broadcasting System, Inc. (TBS) in Atlanta.

"We are extremely pleased to be able to attract Bob Wussler with his obvious talent, reputation and stature in the entertainment distribution, television and cable industries to our Video Entertainment business," Goldstein said. "We have high hopes for this business, and I know Bob Wussler is the right person to help us achieve the level of growth and profitability this business is capable of achieving."

Wussler has been at TBS since 1980. His responsibilities included oversight of the company's ongoing international expansion, sports opera-



Robert J. Wussler

tions and programming, non-fiction programming, and the promotion, advertising, public relations and research departments. He negotiated the agreement with Soviet officials establishing the Goodwill Games and served as president of WTBS.

Before joining TBS Wussler spent 21 years at CBS, where he started in the corporation's mailroom and eventually became president of the CBS Television Network in 1976. In 1977 he became president of CBS Sports, and in 1978 he formed his own television production company.

Currently, Wussler is serving his second term as Chairman of the Board of the National Academy of Television Arts and Sciences. He has been the recipient of four national Emmy Awards, four Awards for Cable Excellence, and two international sports awards. ■

CSD Welcomes Two New Faces

Two new faces have joined COMSAT Systems Division Marketing and Business Development. John T. Schmuhl is vice president, commercial marketing and business development, and John F. Gulick is director of marketing communications.

Schmuhl, an experienced broadcast and cable executive, will be responsible for commercial marketing to present customers and potential users of satellite delivered video services in the broadcast, cable, and corporate markets. He also will be working to strengthen CSD's business relationship with the

NBC Television Network while at the same time developing joint business opportunities with other entertainment and information providers.

Previously vice president and general manager of Tribune-United Cable in Maryland, Schmuhl was also president and general manager for Warner-Amex Cable Co. of Columbus, Oh. where he operated the company's prototype interactive cable TV system.

Gulick, a career public relations practitioner, is responsible for media activities, formulating public relations strategies, and helping to prepare effective

domestic and international trade shows.

Gulick, who is accredited by the Florida Public Relations Association, previously owned Gulick Public Relations, Inc. a PR/advertising firm in Fort Walton Beach, Fla. Prior to that, he served as a career public affairs officer in the U.S. Air Force.

"Both these individuals bring impressive credentials to CSD within their respective areas of expertise," said David J. Cade, vice president of CSD's marketing and business development. "It is definitely a pleasure to welcome them to the CSD marketing team." ■

October Launch Planned For Intelsat VI

Intelsat has set October 5 as the planned launch date for the first Intelsat VI satellite. The new satellite's high-powered spot beams will provide a variety of voice, video, and data services to standard earth stations, as well as very small earth stations located on customer premises.

At right, engineers at Hughes Aircraft Company inspect the 39-foot tall satellite during construction.

INTELSAT VI FACTS

Width (undeployed)

11.8 ft.

Height (undeployed)

17.4 ft.

Launch vehicle

Ariane 4 or Titan

Lifetime

13 years

Bandwidth, MHz

3300

Number of Transponders

48; 38 at C-Band,

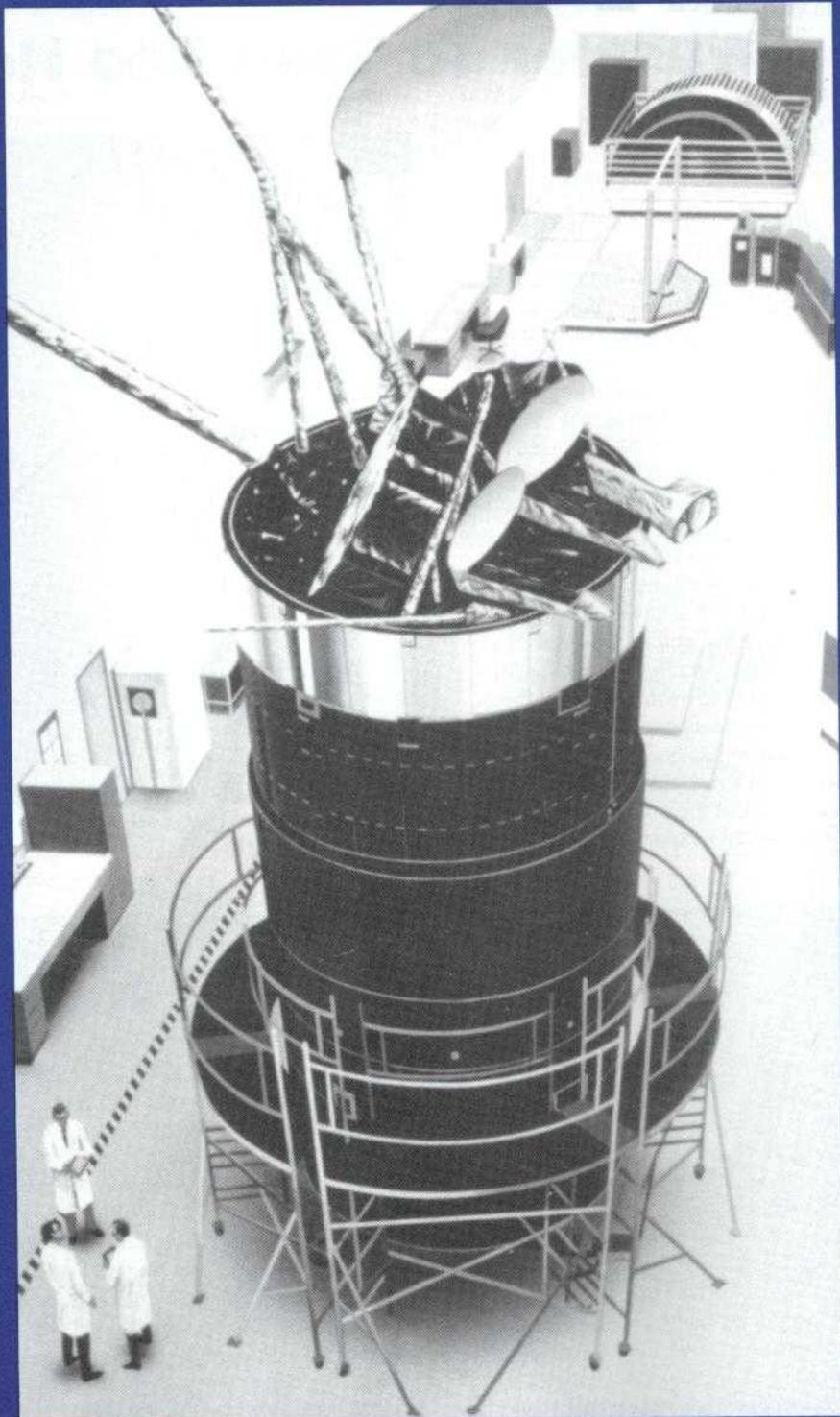
10 at Ku-Band

Capacity (circuits)

24,000 and 3 TV (up to 120,000 with DCME)

New Technologies

Introduction of SS/TDMA. The 6/4 GHz frequencies are reused 6 times. The 14/11 GHz frequencies are used twice. Higher power in the 14/11 GHz promote access by smaller earth stations.



Intelsat Plans Special Celebration of Its First Quarter-Century

Several events are planned for the next month to celebrate Intelsat's first quarter-century as the world's international communicator. Many of the ceremonies and events will take place in Washington, but the culmination of the month's activities will be the launch of the first Intelsat VI from the Arian space facility of the European space agency in Korou, French Guiana. The theme for the celebration is "Communications Without Boundaries".

While this month's events gives everyone a chance to look back on the last 25 years, it also affords the opportunity to look into the future.

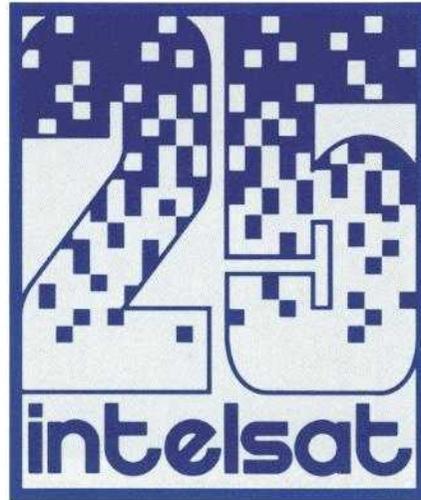
Intelsat Director General Dean Burch recently wrote that Intelsat's mission is still the same one it was charged with when the organization was founded on August 20, 1964: to "expand telecommunications services to all areas of the world. . . which will contribute to world peace and understanding."

Since its inception, Intelsat has grown from 11 countries with five earth stations and one satellite (Early Bird) to 117 member nations, more than 2,000 earth station to earth station links and 13 satellites. In addition to its 117 members, 53 other countries, territories and dependencies are users of the system.

Intelsat has several events planned to highlight its first 25 years. On September 8, a gala held in conjunction with the Board of Governors' meeting will take place for representatives of member nations at the Smithsonian Institution's Air and Space Museum

The launch of Intelsat VI, now tentatively scheduled for October 5, will be beamed live to the Assembly of Parties meeting being held in Holland the first week in October. The launch also will be broadcast live to the ITU Conference in Geneva, Switzerland, where Intelsat will be sponsoring an exhibit.

Intelsat also has big plans for future



celebrations as well. Next April, the organization has events planned to commemorate the 25th anniversary of the "Early Bird" launch in 1965. ■

Intelsat's 25th anniversary logo was designed to represent the evolution and expansion of the Intelsat network and its transition from analog to digital operation. It was also designed to reflect the evolution of the Intelsat system from traditional hierarchical networks to more dynamic user-responsive networks capable of interconnecting a multitude of points on the earth's surface simultaneously.

Charting a Government Course



Photo: Lynn Miller

Capt. Jack Fuechsel, USCG (Ret.), who is WSD's assistant director for government marketing, talks about the TCS-9000 with LCDR Keith Toepfer of the Defense Mapping Agency at COMSAT's Government Customers' Service Seminar last month. More than 100 customers attended the event, which is one of a series sponsored by Maritime Sales for international and domestic customers from the government, offshore, shipping, yachting, cruise, and travel sectors.

Inmarsat Celebrates 10 Years Of Service

Inmarsat celebrated its 10th anniversary at the organization's July meeting in London, England. Decisions on several significant pieces of business, including the present and future status of its satellite fleet, were reached at the meeting.

The Inmarsat council decided to plan on launching the first Inmarsat-2 satellite sometime between October, 1990 and February, 1991. The second satellite of this generation will be launched 4-6 months later, with subsequent Inmarsat-2 launches occurring at four month intervals.

The council also approved a design for the Inmarsat-3 generation of satellites. Inmarsat will seek proposals for construction of the spacecraft and launch services in October.

Goldstein Looks Back...And Ahead

The members of the Inmarsat council also heard COMSAT Chairman Irving Goldstein's remarks, in which he looked back on Inmarsat's first decade and into the future as well.

Goldstein told the group that "Inmarsat in its ten years has proceeded as if life were an adventure," leading the way in mobile technology and growing at a rate that has seen the number of ships in the system go from 100 to



COMSAT Mobile Communications sponsored an exhibit at the Inmarsat Council meeting describing the company's line of Maritime, Aeronautical, and International Mobile Services provided via the Inmarsat System.

nearly 9,000.

Inmarsat's future growth, according to Goldstein, will take the organization "to areas far beyond our initial maritime offerings." He cited aeronautical and land mobile services as two new areas where Inmarsat can expect, "competition that will be—and in some cases, already is—strong and varied."

Inmarsat's edge on this competition is not, however, its technology, Goldstein asserted. "Our edge is our out-

look," he said. "It is our attitude that says we will go anywhere provided it is forward."

Pointing to technology that has allowed portable, terminal-in-a-suitcase telephones to ring on the slopes of Mt. Everest and also lend assistance during last year's Armenian earthquake, Goldstein said, "We often hear that what we have accomplished has shrunk the world, but I don't believe that is exactly what we've accomplished. We've done more than simply hook up the world technologically."

Quoting astronaut James Lovell, Goldstein added, "Once you get away from earth and you can see it as one small ball, you view it with a different perspective. Anybody who has made a flight to the moon and seen the earth as it really is knows it is one small corner. And you can put it all behind your thumb. All of your training, all of your environment, everybody that you've known and loved, all of your experiences, all of your existence is now behind your thumb."

"We have not shrunk the world," said Goldstein, "But we have made the world begin to realize how small it genuinely is." ■

A Phone for Every Pocket

Global personal communicators—pocketphones that will work anywhere in the world—will soon be as common as pens and wallets in shirt pockets and purses.

That's the prediction of Olof Lundberg, director general of Inmarsat.

Lundberg made his prediction, and others, in his closing address to the Inmarsat 10th Anniversary Conference in London in July.

Much of the technology and systems required to support personal communications is already in place or existing, Lundberg said. "By the mid-

1990's, we can expect to buy cellular handsets weighing less than eight ounces," he added.

The new telepoint services, the second generation cordless phone system due to start up in the United Kingdom this year, will create a wider taste for mobile communications.

"The integration of cellular, cordless and telepoint will bring together three of the four major pieces necessary to usher in true global personal communications," said Lundberg, adding, "The fourth piece is satellite communications." ■