Satnews Weekly™
News and Information

FEATURES

This Month's Featured Satellite:

SES Americom's

AMC-2 Satellite

SES Americom

Extensive Satellite Fleet Provides Truly Worldwide Service

From Alaska to Argentina, Florida to Finland, and Maui to Mumbai, SES AMERICOM is a global leader in the delivery of end-to-end communications solutions to broadcasters, cable programmers, internet service providers, educational institutions, and enterprise networks. With over a quarter-century's experience as a satellite operator, AMERICOM is able to provide service to any region in the world through its extensive fleet of geosynchronous satellites. An operating company of SES GLOBAL, AMERICOM is able to provide a full spectrum of services throughout the Americas and across both the Atlantic and Pacific Oceans. FULL STORY

Regulation and Deregulation

Part 7 of a Series on A Brief History of the Satellite Communications Industry

by Virgil S. Labrador and Peter I. Galace

International Telecommunications Union

With a growing number of countries wanting to launch their own satellites, it became necessary for a worldwide set of rules that would govern space communications. Fortunately, in 1957, when Sputnik was launched, ushering the space age, a worldwide forum was in place to meet the challenges and nuances of satellites and space communications systems.

The International Telecommunications Union (ITU) started out as the International Telegraph Union on May 17, 1865 with the signing of the International Telegraph Convention by 20 founding members. At that time, telegraph networks in a number of countries were growing rapidly prompting 20 European States to meet and draft a framework agreement covering international interconnection. Thus ITU was originally established to standardize equipment to facilitate international interconnection, adopt uniform operating instructions, which would apply to all countries, and lay down common international tariff and accounting rules. FULL STORY

EXECUTIVE MOVES

A section featuring key

TODAY'S HEADLINE

March 28, 2003

European Spae Agency to Sign Contract with DLR for Columbus Control Centre

European Space Agency Director of Human Spaceflight Jörg Feustel-Büechl will sign on March 31 at Oberpfaffenhofen, near Munich, Germany, a EUR 37.7M contract with DLR, the German national agency for aerospace research and spaceflight, to develop the Columbus Control Centre for the European Columbus laboratory on the International Space Station (ISS). Columbus is a European science laboratory built to facilitate European research in space. It is the cornerstone of the European contribution to the ISS project and represents Europe as a key partner in the Space Station program. ESA expects to launch the laboratory in October 2004. FULL STORY

Other SatNews Daily Stories:

- XM Satellite Subscriber Base Expands but Posts Larger Loss
- Canadian Space Agency and India's Space Research Organization Sign MOU
- CSC Wins $45 Million Subcontract to Support NASA Goddard
- Ariane Flight 160 - Positioning the Ariane 5 for Final Integration
- MDA Team Selected for 2007 Mars Scout Study
- Boeing Names Sir Michael Jenkins to Lead Business in the United Kingdom

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TOP NEWS STORIES

WEEK of March 17 - 23, 2003

DirecTV Latin America Files for Bankruptcy

DirecTV Latin America, LLC has announced that in order to aggressively address the company's financial and operational challenges, it has filed a voluntary petition for reorganization under Chapter 11 of the U.S. Bankruptcy Code. The filing applies only to DirecTV Latin America, LLC, a U.S. company, and does not include any of its operating companies in Latin America and the Caribbean, which will continue regular operations. FULL STORY

Malaysian Operator Binariang Orders Next Generation Satellite from Boeing

Binariang Satellite Systems Sdn. Bhd. and Boeing Satellite Systems, a unit of The Boeing Co., announced today the entrance into a contract for the procurement of a high-power commercial communications satellite. The new Boeing 601HP satellite, designated Measat-3, will join the existing Boeing-built Measat-1 and Measat-2 spacecraft in the Malaysia-East Asia Satellite (Measat) system. Measat-3 will be co-located with Measat-1 at 91.5 degrees East longitude and will provide expansion and back-up capacity for Binariang to meet the increasing market demand for satellite services within the region. FULL STORY

U.S. Military Tapping Commercial Satellite Capacity to Meet Demand

As millions view in real-time the swift progress of the U.S.-led coalition military action in Iraq--it became very clear how important a role satellites play in the campaign. From live news reports via satellite from "embedded journalists" to smart bombs guided by the Global Positioning System satellite (GPS)--satellite technology is playing a pivotal role in the campaign. FULL STORY

Eutelsat Inaugurates New Italian Teleport for Broadband Services

Telesat Chooses ILS Proton Again, Three Months after Successful Launch

International Launch Services (ILS) has finalized a contract with Telesat this week to launch the Anik F1R satellite on a Russian Proton rocket in 2005. The deal includes an option for launching an additional satellite. Financial terms were not disclosed. "We are extremely pleased to be working with International Launch Services - our partner in the successful launch of both our direct broadcast satellites, Nimiq 1 and Nimiq 2," said Larry Boisvert, Telesat's president and CEO. FULL STORY

Millennium Milestone: Space Systems/Loral Satellite Reach 1,000 Years On Orbit

Space Systems/Loral (SS/L), a subsidiary of Loral Space & Communications has said its satellites have collectively achieved more than 1,000 years - an entire millennium - of on-orbit service, marking a new milestone in experience and reliability. SS/L satellites have covered the globe for decades, beginning with the 1960 launch of Courier, the world's first active repeater communications satellite. FULL STORY

Gilat Concludes Debt Restructuring Plan

Gilat Satellite Networks Ltd. has announced the closing of its plan of arrangement with its bank lenders, holders of its 4.25% Convertible Subordinated Notes due 2005, and certain other creditors. At the closing, Gilat's Old Notes were cancelled and the holders of the Old Notes were issued a combination of 4.00% Convertible Notes due 2012 and ordinary shares

A section featuring key personnel changes in the industry and profiles of top executives.

- Boeing Names Sir Michael Jenkins to Lead Business in the United Kingdom

- New Skies Appoints 20-year Brazilian Telecom Veteran to Lead Mercosur Sales Efforts from São Paulo

- NASA Names New Chief Information Officer

- Sirius Commences CFO Search

- EMS Wireless Names Bobby Potts Director of Operations

- Stanton D. Sloane Named President of Lockheed Martin's Management & Data Systems

- Northern Sky Research Names Jose del Rosario Senior Analyst and Regional Director, Asia Pacific

- Lockheed Martin Nominates Joseph W. Ralston to Board of Directors

- TL Inc appoints James F. Mooney as Non-Executive Chairman

- Gilat Announces Impending Changes in Top Executive Positions

- Thomas Sheddan and Norberto Alvarez Vitale Win WTA Teleport Executives of the Year Award

- NTL Incorporated Appoints Scott Schubert as Chief Financial Officer

- Yannick d'Escatha Appointed New CNES President

- ViaSat Announces New Board Member

- Boeing Names Dave Ryan to Head its Satellite Manufacturing Business

- Terayon Appoints Arthur T. Taylor as Chief Financial Officer

- Ramu Potarazu to be Named President & COO of Intelsat -Bermuda-, Ltd., and to Head Intelsat Global Sales & Marketing Ltd.

- Orbital Promotes Jack Danko to Executive Vice President and General Manager of Space Systems Group

- Radyne ComStream Appoints Richard P. Johnson as Chief Financial Officer

- TriPoint Global Appoints Bill Corondan to Manage its Microwave Product Line

- Jeffrey Crosby, Former DirecTV Senior Vice President, Heads Conexant's Set-Top Box Products Business

- Space Imaging Announces Resignation of John Copple as CEO, Election of Robert Dalal as Acting CEO

- KVH Names Daniel Conway as Vice President, Business Development

- EMS Technologies Announces Election of Hermann Buerger and John L. Woodward, Jr. as Members of the Board of Directors

- Alan Ladwig to Lead Operations and Government Affairs for Zero Gravity Corporation

- NDS Appoints Christopher Yap As Business Development Director Asia Pacific

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Broadband Services

Eutelsat has officially inaugurated its new multimedia platform in Turin, Italy. Commercialised by Skylogic Italia, Eutelsat's Turin-based subsidiary, the platform is equipped for providing a full range of value-added broadband services for businesses, public administrations, service and content providers. The new teleport facility, based in the city of Turin in north-west Italy, is connected to the Internet backbone through one of Italy's largest Internet nodes. FULL STORY

NEWSBRIEFS

- iDirect Completes Transition; Now Focused on Providing Premiere VSAT Technology

- ViaSat Receives Production Order From Connexion by Boeing

- Hispasat Confirms Commitment to the Galileo Project in Brussels

- Globalstar Introduces New, Low-Cost Fixed Satellite Phone Unit

- IntegraSys Announces Satmotion Wi-Fi for Performing Remote Satellite Carrier Line-ups on a Wi-Fi PDA

PRODUCT AND SERVICE REVIEWS

IntegraSys Announces Satmotion Wi-Fi for Performing Remote Satellite Carrier Line-ups on a Wi-Fi PDA

IntegraSys S.A., a worldwide provider of satellite carrier monitoring systems, has introduced last month at Satellite 2003 a wireless internet based remote satellite carrier line-up tool that works on a commercial PDA and supports Wi-Fi, cellular or sat-phone connections to remote satellite monitoring stations via Internet.

The system has been designed for Two-Way Satellite Interactive Terminal (SIT) & VSAT installers to provide them with a pocket tool to perform the line-up and cross polarization isolation adjustment on the uplinked carrier used for the return channel. The PDA acts as a remote graphics terminal to control a spectrum analyzer and a solid-state input switching multiplexer located at the hub station from, virtually, any part of the world. FULL STORY

Enterprise Satellite Networks - Developmental and Consulting Services from Application Technology Strategy, Inc.

Application Technology Strategy, Inc. (ATSI) currently provides cutting-edge methods that allow organizations to update enterprise IT architecture and deploy services using advanced satellite communications technologies. Recent

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of the company. FULL STORY

FORTHCOMING EVENTS

- **(May 20-22, 2003)**
  Mediacast Presents the Case for Freeview

- **(June 17-20, 2003)**
  Business Opportunities Abound at CommunicAsia2003 and BroadcastAsia2003

- **(September 11-16, 2003)**
  IBC2003 Announces Call for Proposals

View the Video of the AMC-8 Launch

2003 EDITORIAL FOCUS

Every month, Satnews Online will focus on a specific aspect of the satellite industry. Each month's editorial focus presents an exclusive opportunity to promote your company in a targeted medium. Sponsorship of a month's issue is an ideal way of tying-in your advertising with your corporate campaigns and timing them around important months of the year such as during the months when major trade shows are held. The focus of each month's issue for 2003 are as follows:

January
THE ASIA PACIFIC MARKET
Special PTC 2003 Issue
Sponsor
SES AMERICOM

February
MILITARY SATELLITE MARKET
Special SAT2003 Issue
Sponsor
SES AMERICOM

March
THE LAUNCH MARKET
Special SAT 2003 Issue
Sponsor
SES AMERICOM

April
SATELLITE OPERATORS
Special NAB 2003 Issue
Sponsor
SES AMERICOM

May
WHITER BROADBAND?
Special Cable and Satellite Mediacast Issue
Sponsor
SES AMERICOM

June
SATELLITE GROUND EQUIPMENT
Special CommunicAsia Issue
Sponsor
Americom Asia Pacific

July
TELEPORTS
Sponsor
SAT Expo 2003

August
THE SPACE INDUSTRY
Special ISCE 2003 Issue
Sponsor
SES AMERICOM

September
THE EUROPEAN SATELLITE MARKET
Special IBC Issue
Sponsor
SAT Expo 2003

October
THE TELECOM MARKET
Special ITU TELECOM WORLD and SATEXPO Issue
November
NEW SATELLITE APPLICATIONS
Special Satcon 2003 Issue

December
THE FUTURE OF THE SATELLITE INDUSTRY
Special Cable and Satellite Asia (CASBAA) and Western Cable Show Issue

OTHER USEFUL SATELLITE INFORMATION

Calendar of Satellite Events
All the trade shows, conferences and major meetings for satellite professionals are listed here. You'll find the date, location and contact information.

Catalog of Products
Looking for a reliable source of satellite information? Design Publishers complete list of products is detailed in this section. With over 15 years of experience, we are the source that most satellite professionals look to for Books, CD-ROM's, Training Materials and News.

Glossary
All the common and technical words used by satellite professionals are listed and explained in alphabetic order.

ITU Member Countries
A list of all countries and their signatories to the International Satellite Telecommunications Union.

Satellite Launches
Lists the satellite name, launch provider, date of launch or expected launch and the name of the owner or operator.

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innovations in broadband satellite terminal equipment and launches of more advanced geostationary satellites now make very small aperture terminal (VSAT) networks a viable means of delivering the full range of IT services to multiple domestic and international locations.
FULL STORY

Broadband Media Networks --

Instant Bandwidth on Demand for Video Contribution from ND SatCom

At SAT 2003, ND Satcom will be showcasing its broadband media solution for video contribution. Media companies and broadcasters operating multiple sites for contribution and distribution of large video and media content face some tough challenges. They need a cost effective network infrastructure providing true broadband capacity on demand. The next generation of broadband VSAT networks *Sky*WAN® is capable of supporting those requirements in an unique way. *Sky*WAN is the platform to establish advanced Broadband Media Networks, composed of fixed stations or mobile SNG, to transfer videos via IP or encapsulated via DVB.
FULL STORY

IntegraSys Announces Satmotion Pocket for performing Remote Satellite Carrier Line-ups using a Palm Cell Phone

IntegraSys S.A., a worldwide provider of carrier monitoring software for the satellite market, is now offering a remote satellite carrier line up tool that works on a standard palm cellular phone.

The system has been designed for Satellite Interactive Terminal (SIT) installers to provide them with a pocket tool to perform the line-up and cross polarization isolation adjustment on the uplinked carrier used for the return channel. The palm cellular phone acts as a graphics terminal to remotely control a spectrum analyzer located at the hub station from, virtually, any part of the world. FULL STORY

Mentat and V-ONE Partner to Provide High Performance Satellite Security Solutions

VPN security products provider V-ONE Corp. (Nasdaq: VONE) and satellite link enhancement products provider Mentat® Inc. have announced that they are partnering to offer the advantages of virtual private networks with the benefits of link acceleration. V-ONE's SmartSatT program was specifically designed to address the needs of satellite users, and incorporates V-ONE's award-winning SmartGate®

the owner or operator.

History of Satellite Communications
You'll find a brief history of the satellite communications industry from 1945 to the present.

Telecommunications Facts and Figures
If you need information on standards of telecommunications used worldwide - this is the place to look.

Other Satellite Web Sites Over 100 web sites of satellite companies are listed here.

application layer technology. Using SmartGate in conjunction with Mentat's SkyX® Gateway and SkyX Client/Server products, users can take advantage of satellite link enhancement while maintaining end-to-end data security. FULL STORY

CrystalVision Network Management & Control: Designed Specifically for the Broadcast Industry

At SAT 2003, Crystal Computer Corporation will be highlighting its Crystal Vision network management software. CrystalVision Network Management & Control has a powerful, flexible graphical user interface built on a robust, real-time operating system. It provides at-a-glance status of all devices with unparalleled control, responsiveness, and expansion capabilities. CrystalVision is distinguished from other monitor and control systems because it was designed specifically for the broadcast industry. FULL STORY

Microspace Announces Limited Time Free Video Channel Offer, Demos Broadband Delivery Services, at SATCON Expo

For a limited time, companies requiring video distribution services to various network devices will get a free 128 kbps streaming video satellite channel when they purchase a minimum 2.5 Mbps channel from Microspace Communications Corporation (Microspace) of Raleigh, NC. FULL STORY