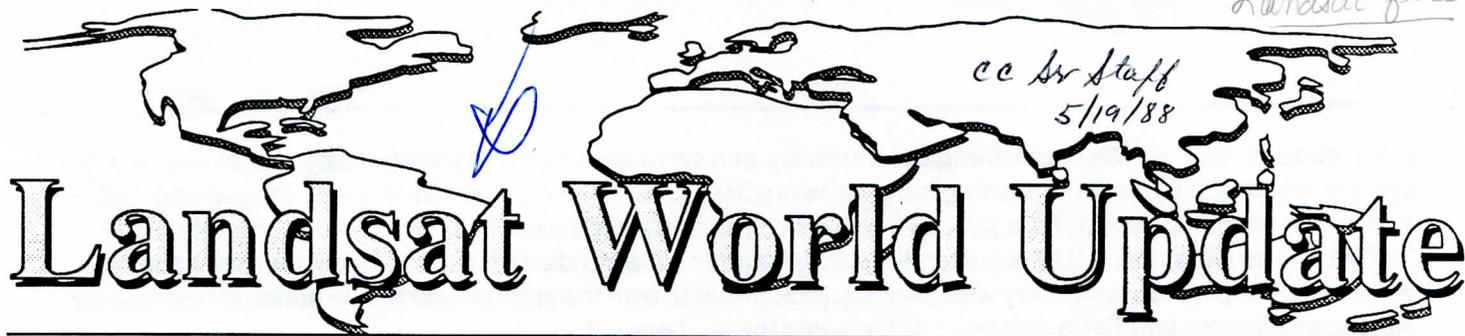


Landsat file

*cc Sr Staff
5/19/88*



Landsat World Update

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LANDSAT PROGRAM STATUS - Landsat 4 and 5 continue to operate nominally. Landsat 6 development continues towards a scheduled launch of June, 1991.

NEW EOSAT INTERNATIONAL REPRESENTATIVES - EOSAT is continuing a successful international sales representative program with the addition of two new representatives: EUROSENSE of Wommel, Belgium and Integrated Information Systems (IIS) of Athens, Greece. EOSAT is currently negotiating agreements with other potential representatives throughout the world. During the first quarter of 1988 the Nissho Iwai Corporation, one of EOSAT's newest representatives, heads the list of top Landsat sales performances.

NEW TM FLOPPY DISK COPY PRICES ANNOUNCED - Multiple copies of Customer Selected TM Floppy Disks are now available from EOSAT for \$120 per copy. Copies must be ordered at the time of the original order. For more information and to order Floppy Disk Products, contact EOSAT Customer Services, 4300 Forbes Blvd., Lanham, Maryland 20706 USA.

PRESIDENT ENDORSES U.S. INTERNATIONAL SPACE YEAR MISSION TO PLANET EARTH - In his welcoming letter distributed at a recent U.S.-ISY conference, President Reagan reiterated his support to the 1992 ISY. "The ISY should maximize, through international cooperation, the achievements and benefits of the world's current and prospective space programs . . . and **emphasize the benefits of space discoveries and the practical uses of space.**"

ROE SUGGESTS INNOVATIVE FINANCING METHODS FOR SPACE - In an address to the annual meeting of the American Institute of Aeronautics and Astronautics, Congressman Robert Roe (D-NJ), Chairman of the House Science, Space, and Technology Committee, suggested that a **National Space Development Corporation**, or a **National Space Trust Fund** could be established to help build the infrastructure for space development. Using the U.S. highway system trust fund as an example, Mr. Roe suggest that a similar approach might be used to funding space development.

On the subject of space commercialization, Mr. Roe said it will only be realized if Congress and the Administration stop sending mixed signals to the private sector. "We can't encourage them to take development risks on one hand, and then set up roadblocks to investment in new ventures."

INTERNATIONAL SPACE UNIVERSITY (ISU) BEGINS - The first term of the ISU will begin this June when 100 graduate students, representing 14 countries, arrive at the Massachusetts Institute of Technology (MIT) in Cambridge. According to G. Lynwood May, president of the U.S. Foundation for the ISU, the program is intended to help expand cooperation in international space related projects by developing long lasting relationships between ISU students. Eight courses covering a broad range of space related disciplines will be studied during the nine-week session, which is expected to develop into a full-time curriculum by the International Space Year in 1992.

REMOTE SENSING TRAINING CENTER ESTABLISHED IN COLOMBIA - The Centro Interamericano de Fotointerpretacion (CIAF) has established a center for the use of remote sensing for scientific investigations to benefit Colombia's natural resource programs. The \$2.2 million training center, funded jointly by the InterAmerican Development Bank (IDB) and the Departamento Nacional de Planificacion (DNP) of Colombia, will be located in Bogota. The program is incorporating the expertise of IDB member countries during three

initial phases: first, the Center will acquire hardware and software for an integrated image processing and GIS system; second, a four-month training program is required for CIAF professionals in image processing, GIS and remote sensing; and third, a pilot GIS project will be performed over 19,000 square kilometers in the Tolima area of Colombia. CIAF is currently selecting agencies to handle these responsibilities under contract, and intends to provide continuity with ongoing joint projects with the Netherland's International Institute for Aerospace Survey and Earth Sciences (ITC) during the pilot project.

NASA DESIGNS RADAR GROUND SYSTEM IN ALASKA - NASA's Jet Propulsion Laboratory (JPL) is designing a sophisticated radar receiving system that is designed to help scientists track arctic ice flows and study remote areas of Alaska. The system will be located at the University of Alaska-Fairbanks, and will receive signals from satellites carrying synthetic aperture radar (SAR). SARs provide all-weather capability, permitting penetration of cloud cover and data collection for high resolution images. The station will be ready for the April 1990 launch of the European Space Agency's ERS-1 satellite, and will also receive data from Japan's JERS-1 satellite and Canada's RADARSAT system. The Alaska station will also provide data for geological studies of all of Alaska, western Canada and much of eastern Siberia.

CHINA CONTINUES SPACE/REMOTE SENSING RESEARCH - In a briefing to the Aviation/Space Writers Association May 9, in Boston, Cheng Yongzeng of the Peoples Republic of China reported that remote sensing applications and sensor development have become "active areas of research" in China. The new Landsat receiving station in Beijing and six other space research facilities are being used to investigate basic remote sensing technology for space missions, and renewable/non-renewable resource monitoring. The Landsat receiving station, installed by the Lanham, Maryland based firm STX Inc., was cited as one of the **first significant U.S./China cooperative ventures in space technology**.

"SPACE: A COMMITMENT TO OUR FUTURE" - To bring space leadership into the public limelight during this election year, a variety of events are being planned for Spaceweek '88, July 16-24. The Spaceweek theme, "Space: A Commitment to Our Future," demonstrates the need for public support of the President's new space policies through the next Administration, according to Dennis Stone, president of Spaceweek. Spaceweek is expected to be celebrated in over 70 cities across the United States. This year's events include national symposia and conferences, lectures, star parties, model rocket launches, mall displays and tours of aerospace facilities throughout the United States. To volunteer for Spaceweek '88 activities or for more information, contact Spaceweek National Headquarters, P.O. Box 58172, Houston, Texas 77258 USA; or call (713)480-0007.

DIGITAL IMAGE PROCESSING WORKSHOP - The Center for Advanced Land Management Information Technologies (CALMIT) is offering a four-day workshop on digital image processing of remotely sensed data, featuring hands-on use of state-of-the-art hardware and software systems. The workshop will be held May 23-26, 1988 at the University of Nebraska-Lincoln, and will be limited to 12 participants. Course cost is \$200. For more information and applications for enrollment contact CALMIT, University of Nebraska-Lincoln, 113 Nebraska Hall, Lincoln, NE 68588-0517; or call (402)472-2567.

LANDSAT WORLD UPDATE is a bi-weekly report to the earth remote sensing community. It contains timely information about the Landsat program, including the status of Landsats 4 and 5 and the progress of the next-generation satellite development program.

LANDSAT WORLD UPDATE is provided by EOSAT as a service to the remote sensing community, and no restrictions are placed on its reproduction. Any questions, comments or additions to the Update should be directed by mail to EOSAT Public Affairs Office, 4300 Forbes Boulevard, Lanham, Maryland 20706, U.S.A. or by telephone to (301) 552-0547 or (800) 344-9933 ext 547.
