



Landsat World Update

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LANDSAT PROGRAM STATUS - Landsat 4 and 5 continue to operate nominally. A concept review meeting for the Landsat 6 spacecraft was held June 2 at General Electric's Astro-Space Division. Attendees included representatives from EOSAT, NOAA, GE, Hughes' Santa Barbara Research Center, U.S. Air Force Space Division (Titan II program office) and Martin Marietta Corporation. Landsat 6 development continues with a scheduled launch date of June, 1991.

NEW EOSAT TM PHOTOGRAPHIC PRODUCTS - On August 1, 1988, EOSAT will offer new Thematic Mapper (TM) photographic products. These second-generation color transparencies and prints will greatly improve TM color image products, thanks in part to new film recorder technology. A new TM photo quarter scene will also be offered, either as a standard TM quadrant, or as a "movable" quadrant positioned anywhere within the TM scene. Pricing for the new selection of products will be announced in July, 1988. For more information, contact Dr. Matthew Willard, Director, EOSAT Strategic Planning and Product Development, 4300 Forbes Boulevard, Lanham, Maryland 20706 USA; phone (301) 552-0500.

CONGRESSIONAL SPACE CAUCUS TO ADDRESS CIVILIAN REMOTE SENSING - Dr. Murray Felsher, publisher of Washington Remote Sensing Letter, will lead an informal discussion on U.S. civilian satellite remote sensing at a meeting of the Congressional Space Caucus on Monday, June 27. The meeting will be held from 1-3 p.m. at 2325 Rayburn House Office Building. The recently announced National Space Policy, advances in technology, international competition and the budding U.S. remote sensing industry are among the topics which will be discussed. For more information, contact Steve Wolfe, office of Rep. George E. Brown, Jr. at (202) 225-6161.

LANDSAT DATA COLLECTION TO EXPAND WITH LAUNCH OF TDRS-C - NASA's Tracking and Data Relay Satellite System (TDRSS), a communications mission providing an important data relay from geostationary orbit, will be launched from the first scheduled Space Shuttle mission, currently set for August 31, 1988. After launch, important Landsat coverage over the western hemisphere will be obtained by relay through TDRS-C beginning in October, including the first Thematic Mapper (TM) coverage of the state of Hawaii and country of New Zealand. Currently, TDRS-A provides Landsat data to the U.S. from the eastern hemisphere, in addition to data received by Landsat worldwide receiving stations. The second TDRS satellite, set to orbit over the western hemisphere, was lost aboard the Space Shuttle Challenger in 1986.

SPACE COMMERCE, AN INDUSTRY ASSESSMENT - A recent report by the U.S. Department of Commerce includes estimates that cumulative revenues for the worldwide remote sensing industry will total \$7.2 to \$9 billion between 1987-1997. Secretary C. William Verity has released a 136-page report that examines space markets and the ability of U.S. businesses to compete internationally for space-related goods and services. "Space Commerce, An Industry Assessment" focuses on five major space-based markets - space transportation, satellite communications, remote sensing, materials research and space-based industrial facilities. The section on Remote Sensing provides a background, status of current and prospective satellite operators, and an overview of market demand for data products. The report is available at the U.S. Government Printing Office for \$7 each, ref. no. 003000006557.

PECORA AWARD WINNERS - Drs. Vincent V. Salomonson and Francis P. Bretherton share this year's William T. Pecora Award for outstanding contributions to the field of remote sensing of the Earth from space. Dr. Salomonson is the Chief of the Laboratory for Terrestrial Physics of NASA's Goddard Space Flight Center, and served as the Project Scientist for Landsats 4 and 5. He led the Landsat Image