

Facts / Figures / Contracts

NovAtel Major Subcontractor for Development European Navigation System Ground Reference Receiver

Alcatel Alenia Space Italia (AAS-I) and NovAtel as major subcontractor, together with Space Engineering, have been selected by the European Space Agency (ESA)/Galileo to begin work on the development of the Navigation Ground Reference Receiver for Europe's state-of-the-art satellite navigation system. The value of this initial funding authorization to NovAtel is €1.261 million (\$1.48m US), which is expected to generate revenue for the company during Q4 2005 and Q1 2006. This is the first part of a fixed price contract which, provided it continues, will ultimately be worth up to €6.3 million (\$7.4m US) to NovAtel over the following two and a half years. www.novatel.com

US DOD Announces ClearView Contracts

The US Department of Defense Released Contract Awards for the Purchase of Commercial Satellite Imagery. DigitalGlobe was awarded a \$ 24 million firm fixed price contract modification. This award is within the previously established \$500,000,000 contract ceiling. The supplies to be procured are high resolution commercial satellite imagery. The performance period is Feb. 1, 2006 through Jan. 31, 2007. At this time, \$2,000,000 FY06 O&M funding has been obligated. The National Geospatial-Intelligence Agency is the contracting activity. Space Imaging was awarded a \$ 24 million firm fixed price contract modification. This award is within the previously established \$500,000,000 contract ceiling. The supplies to be procured are high resolution commercial satellite imagery. The performance period is Feb. 1, 2006 through Jan. 31, 2007. At this time, \$2,000,000 FY06 O&M funding has been obligated. The National Geospatial-Intelligence Agency is the contracting activity. ORBIMAGE was awarded a \$12,000,000 firm fixed price contract modification. This award is within the previously established \$500,000,000 contract ceiling. The supplies to be procured are high resolution commercial satellite imagery. The performance period is Feb. 1, 2006 through Jan. 31, 2007. As can be read on page 13 of this issue, Space Imaging and ORBIMAGE recently merged into GeoEye.

NGA's NSG Statement of Strategic Intent Available Online

The US National Geospatial-Intelligence Agency (NGA) released the National System for Geospatial-Intelligence (NSG) Statement of Strategic Intent, a vision for the future of geospatial intelligence (GEOINT). The document reflects changes in the Intelligence Community and responds to challenges from oversight commissions to embrace innovative analytic approaches and improved information sharing and collaboration. The NSG Statement of Strategic Intent is available on the NGA Web site, see below. www.nga.mil

IGP Selects INPHO Software for Orthophoto Production

Instituto Geográfico Português (IGP), the Portuguese Geographic Institute, with their headquarters in Lisboa, have recently purchased a complete INPHO product suite for digital orthophoto production. The contract negotiations and system supply was done by GTBibérica S.L., Madrid, INPHO's distributor in the Iberian and Latin American sales regions. The digital orthophoto production line incorporates the

INPHO products MATCH-AT (Automatic aerial triangulation), MATCH-T (Automatic DTM generation), DTMaster (Advanced DTM data editing), OrthoMaster (Rigorous ortho-rectification) and OrthoVista (Automatic color balancing and mosaicking). The main task of the Portuguese Geographic Institute for the INPHO production line is producing full coverage of orthophoto maps for Mainland Portugal and generating high quality DTMs for some areas of the country. The UltraCamD digital aerial camera from Vexcel will be used for acquiring the digital aerial imagery. Under a protocol established with the Portuguese Forest Service, the Portuguese Geographic Institute is responsible for ortho-rectification of these images and for production of the orthophoto maps that will be used, among other purposes, to obtain the next national forest inventory. www.inpho.de

Bentley Launches New Web Site for South Asia Region

Bentley Systems launched its new web site for the South Asia region: www.bentley.com/india. The site empowers users in South Asia's architectural, engineering, construction (AEC) and operations market by giving them the depth and breadth of information they need to successfully learn about and apply the latest software solutions for the building, plant, civil, and geospatial verticals. In addition, the new web site provides articles written by Bentley users who share best practices based on actual project experiences, along with white papers written by industry experts. The latter discuss a wide range of technology topics of critical importance to users in the AEC industries. www.bentley.com

VARGIS Awarded Digital Aerial Imagery Contract

VARGIS has been awarded a multi-million dollar digital aerial imagery contract by the Los Angeles Region Imagery Acquisition Consortium. VARGIS is providing digital aerial imagery data and related photogrammetric services for the entire 4,100-square mile Los Angeles County area. The Consortium includes the County of Los Angeles plus 25 cities and public-sector organizations. VARGIS is capturing the imagery with three Zeiss/Intergraph DMC camera systems and LiDAR. By using a multi-resolution approach, VARGIS can efficiently capture both the urban and rural areas. VARGIS is capturing 3,000-square miles of urban orthoimagery at 4-inch pixel resolution. For the remaining rural areas, such as Angeles National Forest, VARGIS is producing 1,100 square miles of color and color infrared orthoimagery at 1-foot pixel resolution. Also, VARGIS is employing the latest Leica ALS50 LiDAR technology to produce a new, highly accurate digital terrain model, as well as 2-foot contours with breaklines. www.vargis.com

ESRI Becomes Federation of Earth Science Information Partner

ESRI has been accepted as a partner of the Federation of Earth Science Information Partners (the Federation). The Federation is a network of researchers and associated groups that collect, interpret, and develop applications for satellite-generated earth observation information. It is developing the Earth Information Exchange, a portal where member data products and tools will be available to researchers, decision makers, educators, and others. www.esipfed.org www.esri.com

Racurs Wins World Bank Tender

Racurs, a photogrammetric software developer in Russia, has won the World Bank's tender to supply forestry enterprises with software tools. As a result digital photogrammetric system PHOTOMOD was delivered to forest regulation companies in St. Petersburg, Arkhangelsk, Krasnoyarsk and Khabarovsk. In total 29 workplaces were organized. The delivered software system allows processing of aerial and space images, image interpretation for forest inventory both in mono and in stereo modes. It also allows orthophotos and forest regulation plans creation based on highly effective digital technologies of image processing. The contract amounts to \$167,200. www.racurs.ru

OGC Invites Public Comment on Candidate Specification for Geospatial WPS

The candidate OGC Web Processing Service interface specification provides a standardized interface that facilitates the access and publishing of geospatial processes as well as the discovery and binding to those processes by client applications. "Processes" in this context include any sort of calculation or model which operates on spatially referenced data. Examples of geospatial processing are polygon overlay, buffer analysis, and line of sight analysis. The data required by the WPS can be delivered across a network or it can be available at the server. WPS builds on currently adopted OpenGIS Specifications that define standard interfaces for finding and accessing geospatial data and services. Comments can be submitted to a dedicated email reflector for a thirty-day period ending February 4, 2006. Comments received will be consolidated and reviewed by OGC members for incorporation into the document. www.opengeospatial.org

eSpatial and PCI Geomatics Sign Technology Partnership

eSpatial and PCI Geomatics signed a strategic technology partnership. The alliance will combine eSpatial's iSMART Geospatial platform with Geomatica, PCI's image management products and solutions software suite, to provide an integrated environment for GeoSpatial solutions delivery. Both companies are currently working on an integration of their technologies, particularly PCI's advanced MappingCentre, an automated image processing and mapping delivery system, and eSpatial's iSMART GeoPortal. iSMART GeoPortal provides a pure web user interface to interact with the underlying MappingCentre workflow and product delivery features. In addition to the MappingCentre and GeoPortal integration, both companies will utilize each other's products in customer opportunities, including use of PCI's Oracle 10g GeoRaster imagery loading tools. www.pcigeomatics.com www.espatial.com

27 Photogrammetric Systems for PASCO Thailand

INPHO and DAT/EM Systems delivered an additional 25 Summit Evolution digital stereo plotters and 2 complete sets of INPHO's photogrammetric products MATCH-AT, MATCH-T, DTMaster Stereo, OrthoMaster and OrthoVista to PASCO (Thailand). With this delivery, PASCO (Thailand) now has obtained a total of 52 Summit Evolution stations and 30 licenses of various INPHO software products. PASCO Thailand is one of the largest photogrammetric firms in Southeast Asia, serving over 15

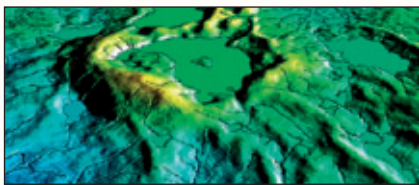


countries around the world. PASCO (Thailand) offers a full range of professional service in aerial photography, digital photogrammetry & mapping, surveying and GIS. PASCO (Thailand)'s web site can be found at www.pascoth.com.

www.datem.com

www.inpho.com

Vexcel Celebrates 20 Years of Innovation in Remote Sensing



Vexcel Corporation recently celebrated 20 years of Innovation in Remote Sensing. Founded in 1985, principally by Austrian photogrammetrist Dr. Franz Leberl, Vexcel focused initially on photogrammetric

technologies. Since 1992, Vexcel has grown under the leadership of President and CEO Dr. John Curlander, expanding its products and service offerings into synthetic aperture radar (SAR) systems and services, satellite ground systems, and data intelligence solutions. Recent years have brought many changes including the opening of its Vexcel UK office (Newbury, Berkshire) and the acquisition of global

companies Vexcel Imaging (Austria), Atlantis Scientific (Canada), now operating as Vexcel Canada, and most recently the Dutch remote sensing company, Synoptics, now operating as Vexcel Netherlands. The anniversary is punctuated by a year of successful product launches that include the OceanView maritime surveillance system; the CCDMap coherent change detection mapping system; EarthView Matrix polarimetric SAR software; and the UltraMap Server digital archive, catalog and post-processing system for a fully digital mapping workflow using imagery from Vexcel's best selling digital aerial camera, the UltraCam.

www.vexcel.com

Canadian Ice Service Signs Contract for RADARSAT-1 Monitoring Over Canadian Waters

MDA's Geospatial Services announced today that the Canadian Ice Service (CIS) has signed a one year agreement to use RADARSAT-1 data to detect and monitor ice conditions in Canadian waters. The Canadian Ice Service has been using RADARSAT-1 data since 1996 to provide essential information for safe marine vessel navigation and ship icebreaking activities. With its all-weather imaging, large area coverage and frequent revisit cycle, the RADARSAT-1 satellite is a valuable data source for the CIS and supplies the Service with as many as ten images a day. The CIS receives the RADARSAT-1 data in as little as 2 hours after the data is downlinked. The data is used to generate detailed ice charts that are sent electronically to workstations onboard marine vessels and applied to navigation and route planning purposes.

www.mdacorporation.com

New Sokkia Distributors in France and Spain

Sokkia Europe recently appointed two new distributors to improve its distribution in Spain and France. The new Spanish distributor is the company DITAC Soluciones, S.L. (Distribución de Instrumentos Topograficos y Auxiliar de la Construcción), a member of the A.L. Holding S.A.. DITAC SL, with head-office in Madrid. Sokkia Europe decided to appoint a new distributor for the high-end surveying market in France too. This decision was made in cooperation with Sokkia S.A. which will continue to promote Sokkia in the French construction and laser market. Yann Quenet is the managing director of the new company which is called Survey & Precision S.L. and is located near Paris.

www.sokkia.net

People

Professor Gordon Petrie Receives 2006 ASPRS Photogrammetric Award (Fairchild)



Professor Gordon Petrie has been a contributor to Geoinformatics magazine since 1998.

The 2006 Photogrammetric Award (Fairchild) is awarded to Professor Gordon Petrie, an outstanding photogrammetric professional with a record of solid achievements. His contributions to the field over his half-century career include both outstanding technical work and a corps of students throughout the world trained by him. A graduate with a M.A. with 1st class honors in Geography from the University of Aberdeen, Petrie later obtained a post-graduate Diploma in Surveying from University College London. He also has a B.Sc. in Photogrammetric Engineering, from ITC, Delft, The Netherlands. The majority of his career has been spent at the University of Glasgow, where he began as a Lecturer in Surveying and Photogrammetry, later became a Professor of Topographic Science, and is now an Emeritus Professor & Honorary Research Fellow after his retirement in 1995. He has been a visiting professor at the Department of Geography, University of Georgia, and the Department of Geography, Miami University of Ohio, and a Carnegie Research Fellow at ITC. Petrie's research interests have covered a wide range of topics, including the design of sensors and instrumentation, and he has maintained his knowledge of equipment and technology in the field reaching from the days of analog equipment to current digital practice. A particular interest has been cameras and sensors, especially other than conventional film aerial cameras, with his early work on IR line scanners and SLAR leading to current study of commercial satellite sensors. His range of expertise is reflected in an extensive bibliography of significant publications in photogrammetry, remote sensing, and surveying. Since his retirement, he has also found time to write for trade journals and the popular press on subjects related to mapping, thereby bringing an expert perspective to a wider, non-technical audience. Petrie has been involved with computers for many years and has embraced the Internet, making available a Web page giving links to no fewer than 7764 useful sites related to photogrammetry, surveying, and remote sensing. He has been active in the Remote Sensing and Photogrammetric Society, as evidenced by the Honorary Membership awarded him in 1995, and in ASPRS, with frequent presentations and interactions at meetings in the United States. The award will be presented during the ASPRS 2006 Annual Conference in Reno, May 1-5. www.asprs.org

James Blackwood European General Manager Geospatial Solutions Division Tadpole

Tadpole Technology announced the appointment of James Blackwood as European General Manager for the Geospatial Solutions Division, as part of a strategic initiative to strengthen the division's position within the European market. Since joining the Geospatial Solutions Division 2 years ago, Blackwood has overseen the growth of the European professional services business, and in particular managed the OS Phoenix programme. He will continue to have overall responsibility for growing this area of the business and managing the division's implementation services, consultancy services and support services. As European General Manager he will now assume overall responsibility for the operational and commercial management of the division's business throughout Europe. www.tadpole.com

Topcon Europe Positioning BV Strengthens Organization

Topcon Europe Positioning BV has strengthened its organization, to structurally support its aggressive growth plan. Ulrich Hermanski has been promoted to European Senior Sales and Marketing Manager. Having worked as the German National Sales Manager for the past 8 years, Hermanski has moved to the European head office in The Netherlands and will now be responsible for daily management of Topcon's European Sales and Support organization. Hermanski graduated in 1985 at the University of Essen as Diplom-Engineer for surveying and then started his career as sales manager for Topcon Germany. From 1989 Hermanski worked for Mobil Oil in Belgium as a European Sales Manager for packaging machinery systems. From 1992 to 1996 he was managing director and partner of a civil engineering office in Germany. In 1997 Hermanski re-joined Topcon Germany, as sales manager for surveying products. From the 1st of December 2005 he started for TEP and he will have the challenging task to further strengthen and expand Topcon's new structure on the European continent.



After the merger of Topcon Spain with former Trimble and Sokkia dealer Inland on the 1st of October 2005, Fernando Sahuquillo has been promoted to Regional Sales Manager Southern Europe with responsibility for Spain, Portugal and Italy. Sahuquillo has been with



Topcon for 8 years. He graduated in 1986 at the UPC Universidad Politècnica de Catalunya in Mining Engineering and then started his career as Surveying Teacher in the Mining Degree University of Catalonia in 1987/88. In 1988 Sahuquillo worked for Lep, S.A., the formal Topcon dealer in Spain in that time. From 1992 till 1995 he joined for a Surveying Software House company and returning to Topcon in 1995 as a Sales Manager for Topcon España S.A.

Axel Messing has been promoted to Regional Sales Manager Benelux. After setting up the Topcon Netherlands office, and managed its growth to become a major player in the Dutch positioning mar-

ket, Messing now has added responsibility for Topcon's Belgian Sales office. In his new responsibility as Sales Manager Benelux he expects to gain more efficiency out of combining marketing activities for the Belgian and Dutch market. Messing graduated in Marketing & Sales and worked several years for trading companies. He started working in the positioning industry in 1986, when he joined Sokkia Europe BV. Within Sokkia he was part of the team that succeeded in bringing Sokkia to a number 1 position in the local construction market in the Netherlands in the early nineties. Since 1996 his responsibility was the Topcon sales and marketing in the Netherlands. www.topconeurope.com



Conferences & Meetings

Geospatial Intelligence Defense 2006

Worldwide Business Research (WBR) announces Geospatial Intelligence Defense (GID) 2006 taking place May 8-10 at the Westin Hotel in Arlington, VA. At GID, participants will come together in an intimate cross-Service and cross-Intelligence forum to realize the potential of geospatial intelligence on national security. Idea behind the event: 'We must act now to ensure that the right people with the right intelligence are at the right place at the right time and address the challenges of developing and implementing new approaches to meeting mission objectives. We are all aware of the criticality of geospatial intelligence to support our war fighters and first responders as they protect our nation. Facing the demands of an increasingly volatile environmental picture and combating the ever-changing enemy that is "terror" is an on-going challenge. Advancing geospatial intelligence capabilities goes beyond incorporating enterprise-wide geospatial initiatives and promoting and achieving interoperability.'

To successfully advance geospatial intelligence for National Defense and Homeland Security the organizers are having the following things in mind:

- Eliminating stovepipes to achieve interagency communication;
- Developing common rules for data standardization and sharing;
- Protecting US critical infrastructures through network security;
- Disseminating data swiftly and effectively;
- Training US War Fighters to be data collectors.

GID 2006 is aimed at providing actionable tools and strategies to advance geospatial intelligence for national defense and homeland security. To secure space at GID 2006, call 1-888-482-6012 or 1-973-812-5153, visit www.dgi2006.com or e-mail dgi@wbsearch.com and mention priority booking code GIPR.

Intergraph Announces Intergraph 2006

Intergraph announced Intergraph 2006, the company's new flagship international users conference, to be held June 12-15, 2006 in Lake Buena Vista, Florida. In its inaugural year the conference will bring together Intergraph's Apex, Geospatial World and Public Safety Users Conferences into a single international conference showcasing Intergraph's full range of spatial information management technologies. www.intergraph.com