



**NEWSLETTER**

... An Innovative Advanced Technology Company

**NASA Langley Awards Contract for Fabrication Services to STC**

NASA has selected Science and Technology Corporation (STC) of Hampton, VA., to provide fabrication support services to NASA's Langley Research Center (LaRC) in Hampton. The Electronic, Mechanical, Composite, Hardware Fabrication Support Services (EMCHFSS) Contract is a five-year contract supporting the Fabrication Service Activity and the Systems Engineering Directorate in meeting the vision and mission of LaRC and NASA as an Agency. This is an expanded scope follow-on to our previous Electronic Fabrication Support (EFS) contract and reflects the superior performance of our award winning staff on EFS.

This contract will provide NASA with a variety of fabrication technologies enabling the development of research-oriented hardware for aeronautics, space exploration, and scientific programs at Langley Research Center. This includes technical expertise for the development, fabrication, instrumentation and testing of composite aero-elastic models, wind tunnel test models, flight and ground support hardware, facility components, laboratory testing apparatus, and dynamically scaled remotely piloted models. The contract will also provide metals fabrication and machining technologies for the development, fabrication, and testing of

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**STC's Federal Technical and Policy Support Passes 12 Years**

For the last 12 plus years, STC has been providing technical, management, and policy support to the Office of the Federal Coordinator for Meteorological Services and Supporting Research (OFCM). The OFCM, established by the Office of Management and Budget in the early 1960s, is chartered to coordinate the activities of 15 Federal agencies and report activities to Congress annually.

STC has taken lead roles in support of OFCM's initiatives in space weather, Multifunction Phased Array Radar (MPAR), hurricane R&D, NPOESS satellite space sensors, social science issues related to meteorological support, homeland security, aviation weather, volcanic ash operations for aviation, weather information for surface transportation, climate monitoring and services, observing capabilities, cooperative research and transition from research to operations, hurricane operations and research, wildland fire weather needs and capabilities, and environmental data acquisition, processing, and exchange. Our

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Tony Ramirez

**Honors and Awards**

**ATC Recognizes Aberdeen Data Services Team (ADST) Employees at Annual Awards Ceremony**

The U.S. Army Aberdeen Test Center (ATC) reorganized 83 government, contractor and military personnel during their 2008 Annual Awards Ceremony at the Aberdeen Proving Grounds, Maryland. "For every person nominated, there were probably a dozen other people that could have been nominated," said Colonel John Rooney, ATC Commander. "We have an outstanding workforce."

Before any annual awards were presented, COL Rooney acknowledged some



From left to right: Colonel Rooney, Harry Kramer (STC ADST Program Manager), Susan Hagan, and John Wallace (ATC Technical Director).

award winners that were recognized outside of ATC for their extraordinary work. The Mine Resistant Ambush Protected (MRAP) Joint Service Test and Evaluation Team were chosen the winner of the 2008 Army Acquisition Award for the Equipping and Sustaining Our Soldier Systems category. The Army Acquisition of Excellence Award recognizes Army acquisition work force individuals or teams whose performance and contributions set them apart from their peers. The award directly reflects

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**STC Metsat Employees Receive Group Achievement Award**

The CloudSat Science Data Processing Center team, including STC-METSAT's Phil Partain and Laura Sample, was awarded a Public Service Group Achievement Award by NASA in June 2007.

Since June 2006 CloudSat has been observing clouds from space with a 94 GHz cloud profiling radar. Data from the instrument are transferred to the Data Processing Center at Colorado State University's

*Continued on page 4 (see METSAT)*



The Award-Winning Team: (left to right) Dale Reinke (CSU), Laura Sample and Phil Partain (STC-METSAT), Don Reinke and Michael Hiatt (CSU). Ken Eis (CSU) not available for photo.

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**OFCM** (Continued from page 1)

STC team also played key roles in helping the OFCM to host over 20 major conferences during the past 12 years.

STC provides a technical staff of four to six outstanding experts (both full and part time), all of whom have extensive government meteorological and interagency experience. Our team is supported by STC's robust and flexible publication and conference support capability as well.

STC's support team is lead by **Dr. Paul D. Try**, an experienced project manager and a leader in both the national and international science communities with extensive interagency experience in meteorology and atmospheric sciences ranging from scientific to policy matters. Dr. Try has been with STC since 1988, after a 25+ year career in the Air Force and the Office of the Secretary of Defense. He is a past president of the American Meteorological Society and is currently a company Senior Vice President.

The primary on-site staff support is provided by **Tony Ramirez** who brings over 25 years of key operational meteorology and training experience, including experience as the senior enlisted advisor to the Director of Air Force Weather, assisting in the managing of over 2,400 enlisted weather personnel stationed worldwide. In supporting the OFCM, he has assisted in the development of a comprehensive report on Weather Information for Surface Transportation, a report on Aviation Weather Training, a National Aviation Weather Program Mid-Course Assessment, and Proceeding of the Aviation Weather Users' Forum, as well as led the development and publication of the National Volcanic Ash

Operations Plan for Aviation, National Aviation Weather Programs, Projects, and Initiatives Reports, and an interagency MOA for data acquisition, processing and exchange including satellite data and exchange procedures. Mr. Ramirez has served as the Executive Secretary of the interagency Joint Action Group for Operational Data Acquisition for Assimilation, and the interagency Working Group for Volcanic Ash, as well as the Co-Executive Secretary for the interagency Committee for Aviation Services and Research.

STC also has dedicated support from **Floyd Hauth** (Colonel, USAF, Retired) with over 20 years of direct interaction with the OFCM from various positions within DoD, the National Academy of Sciences, and STC. For the OFCM, Mr. Hauth has coordinated the development and publication of interagency plans for aviation weather, tropical cyclone research, preparedness for and response to natural and technological hazards, and national hurricane operations.



Floyd Hauth

Added special support is also provided by **Robert Dumont**, with over 30 years operational and supporting research meteorological experience within the USAF and the OFCM. In addition, STC has committed supporting expertise from consultants: (a) Dr. Elbert "Joe" Friday, who served as Director on the National Academy of Sciences Staff and as Director of the National Weather Service, and (b) Dr. Robert Katt, a senior professional technical writer/editor with a long history of supporting the development of reports for Congressional oversight. This professional team is supported by our dedicated Administrative Support Staff with **Dawn Erlich**, who has an extensive and broad background in administrative, meetings/conferences, logistics, web development, and publications support.

An example of how STC has applied its depth and breadth of expertise in support of the OFCM follows: Shortly after the September 11, 2001 (9/11) terrorist attacks, the Federal Coordinator tasked the OFCM staff, including members of the STC team, to formulate a plan to pull together the Federal meteorology capabilities in support of the homeland security response to potential chemical, biological and radiological terrorist attacks. Working as a member of an integrated Government-contractor team, the STC team assisted in developing a plan that involved an interagency task group to develop an inventory of the agency capabilities in atmospheric transport and diffusion (ATD) modeling and establish a strategic plan for future emergency responder ATD support.

More recently, STC was instrumental in producing many of the reports that OFCM has published, including Impacts of NPOESS Nunn-McCurdy Certification and Potential Loss of ACE Spacecraft Solar Wind Data on National Space Monitoring Capabilities, Report of the Interagency Strategic Research Plan for Tropical Cyclones, Assessment of the National Space Weather Program, Weather Information for Surface Transportation; National Aviation Weather Programs/Projects; National Aviation Weather Program Mid-Course Assessment; National Wildland Fire Weather Needs Assessment, National Volcanic Ash Operations Plan for Aviation, Risk Management and Assessments of Natural Hazards, Workshop on Strategy for Providing Atmospheric Information, and Workshop on Effective Emergency Response.

The support activities of the OFCM STC Team at the top planning and policy levels of 15 Federal agencies for their portion of US meteorological and climate science and services, coupled with other STC environmental support efforts, provides STC a top to bottom background of support in the environmental activities of the Federal government.□

## In Memory of ...

**Denise L. Villani**

STC regrets to inform you that Denise Lovett Villani passed away May 19, 2009. She was a veteran of the U.S. Navy and worked at Aberdeen Proving Ground as an administrative



assistant. Denise was a vital part of the STC Edgewood Office for 6 years before leaving for health reasons. She is survived by her sons, Gabriel Anthony Villani and Michael Emerson Villani, and three sisters and one brother. Denise will be missed by STC and its staff.□

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**AMS/STC Scholarship Award**

The American Meteorological Society (AMS) has named Adele M. Lichtenberger as the recipient of the AMS/STC Undergraduate Scholarship for 2006/2007.

She is currently a junior at North Carolina State University pursuing a bachelor's degree in meteorology. After volunteering at the National Weather Service, she decided to pursue a career in meteorology.

The AMS/Science and Technology Undergraduate Scholarship is awarded on merit and is designed to encourage outstanding undergraduates to pursue careers in the fields covered by the awards. STC has sponsored the scholarship since 1992.□



From left to right: Walt Dabberdt (AMS President in 2008), Adele Lichtenberger, and Thomas DeFelice (STC).

## STC to Operate the International GEWEX Project Office for 5 More Years

NASA has selected STC to operate the International Global Energy and Water Cycle Experiment (GEWEX) Project Office (IGPO) for five more years. For nearly 20 years after initially establishing the IGPO, STC has been operating and growing the IGPO and the GEWEX climate research project as part of the World Climate Research Programme's (WCRP) group of four major global climate projects. Through four Project Directors and five WCRP Directors, STC has successfully run the IGPO, coordinating the research of over 2,000 contributing scientists around the world. The tasks of the IGPO staff include publishing a quarterly newsletter with distribution of nearly 2500 per issue; developing and managing several web sites; coordinating the meetings and publications of over 20 components of the GEWEX Project; and, organizing and facilitating scientific conferences with attendance ranging from 50 to over 400 participants at various locations throughout the world. For more than half of this time, **Dawn Erlich** has served as the primary manager of the office providing the web, newsletter and conference support capabilities while supporting all four Directors. □

### ADST (Continued from page 1)

the outstanding achievements in support of the soldier and the Army's Business Transformation efforts.



From left to right: Colonel Rooney, Harry Kramer, Alicia Nodzo, and John Wallace.



From left to right: Colonel Rooney, Harry Kramer, Luigi Romano, and John Wallace.

During the ceremony, ATC's mission support contracts, Aberdeen Test Support Services and ADST, also recognized some of their employees with awards. The ADST is STC (prime), with CSC LogSec and Jacobs Engineering as teammates.

**Susan Hagan** was presented the ADST Excellence in Test Support Award for a Technical Writer. This award is presented to an employee for providing exceptional contributions and a high level of dedication leading to outstanding productivity, quality and safety.

The ADST Excellence in Data Collection Award (Individual), presented to a Data Collector who has provided exceptional test data, data quality, and a high

level of dedication, leading to outstanding productivity and safety was presented to **Alicia Nodzo**. She selflessly went above and beyond her responsibilities in ensuring that all test data is provided with the highest standards.

The MRAP Live Fire Data Collection Team was presented the ADST Excellence in Data Collection Award (Group) for their support, dedication, professionalism and outstanding levels of technical skills in support of ATC's mission. Members of the team included: Cecelia Cherry, Erin Boegner, **Mindy DuVall**, **Andrea Grube**, Morgan Hileman, Tiffany Hinson, Steven Leadore, Hannah Nguyen, **Kathleen Nuckols**, Christina Ondrako and James Schwallenberg.

**Annie Ying** accepted the ADST Administrative Support Excellence Award for providing exceptional administrative support services to ATC's directorates and divisions. Ms. Ying demonstrated superb leadership, dedication and work ethic which were exemplary.

**Luigi Romano** accepted the ADST Excellence in Operation



Annie Ying



Colonel Rooney, Harry Kramer (STC ADST Program Manager), John Wallace, and members of the Live Fire Data Collection Team.

## New Contracts

The ATSS follow-on subcontract was awarded to STC by Jacobs Technology through 2013. The Guardian follow-on subcontract was also awarded to STC by SAIC through 2011. The C. Martin/STC/GRG Team won the Installation Support Services Contract (ISSC) at Dugway Proving Ground, Utah. This is a 7 year contract with a base year and 6 option years.

We were awarded a new task under our NOAA NESDIS BPA for the OSD CIP Project. We also received additional work from the NOAA Office of Law Enforcement/Fisheries for Oracle and ITIL Support under our NOAA ERAD BPA.

Our 11 years of continuous service to the OFCM for Meteorological Support Services was extended another three years.

The STC Metsat office was awarded a 4 year NASA Cooperative Agreement for Improvement of the NVAP Global Water Vapor Data Set for Climate, Hydrological, and Weather Studies.

Recently, STC has been awarded new contracts and subcontracts valued at over \$41M from our Government and Commercial/prime customers, with aggregate orders totaling over \$2.9M under GSA IT and PES contracts.

Support Award. This award recognizes outstanding performance by an ADST employee who provides exceptional operational support services to the ATC directorates and divisions. Mr. Romano, who works in the Network Infrastructure and Systems Administration Team, demonstrated excellent technical and operation skill, a positive attitude, excellent communication skills and a superior level of team support. □

## 15 Year Employees



Carol Lightner  
March 1993



Tom Vonder Haar  
June 1993



Dee Vonder Haar  
June 1993



John Forsythe  
June 1993



E. David Hinkley  
January 1994



Paul Twitchell  
January 1994



Walter Naylor  
February 1994



Dawn Erlich  
March 1994



David Manzione  
September 1994



C. William Cyr  
November 1994

### Quality Corner

ALL quality documents (QAM, QSPs and QWIs, but not necessarily quality forms) were revised in 2009 for changes in the ISO Standard from ISO 9001:2000 to ISO 9001:2008 and for compliance with AS9100 (an aerospace quality standard applicable to some of our contracts). (STC is also pursuing AS9100 certification.) Quality documents prior to 2009 are obsolete and should be destroyed (or stamped "obsolete"). The latest revision of quality documents and quality forms are available on the STC Intranet at [www.stcintranet.com](http://www.stcintranet.com) (reference QAM Section 4230 and the HQ CDL/QRL).

## Focus on Security

O.K. – Now I have my Security Clearance, I am good to go! Hold on there! Congratulations on obtaining eligibility but now you have responsibilities that go along with your clearance. You are now responsible to protect and secure any classified documents or projects you are assigned to. That means you do not discuss your project or document material with anyone who does not have a 'need to know'. No conversation about what you are working on while standing in line at the grocery or over lunch with a friend or on the sidelines of your son's soccer game! Your Security Officer will be able to advise you if you are ever in doubt – don't be afraid to ask! A company can lose valuable information because of 'loose lips' and 'eavesdropping'. Notify your Security Officer if you become aware of or overhear someone discussing sensitive information in an unsecure location. Security is everyone's responsibility.

You are also responsible for notifying your Security Officer if you will be taking a trip out of the country, whether it is for business or pleasure. Your Security Officer

will provide you with a Foreign Travel Briefing and Acknowledgment Form. It is important that you have the information you need for a successful trip abroad.

You are responsible for notifying your Security Officer of any life changes you may have such as marriage, divorce, legal issues or financial issues. A Security Clearance is a privilege—not a right, and it is your responsibility to protect it!

If you have any questions, contact your Facility Security Officers:

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757-766-5808

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### FABRICATION (Continued from page 1)

metallic test articles, flight and ground support hardware, facility components, and laboratory test apparatus. Additionally it will allow STC to support a full range of metals fabrication functions such as cutting, bending, precision forming, rolling, braking, and welding. STC will provide key support to NASA's Exploration Systems Mission Directorate (ESMD), which is involved in the Constellation Program and the production of drop models and testing fixtures, the Pathfinder crew module, Pad Abort 1 (PA-1), and supported the ARES crew module and launch abort system for ARES-1X. □

### METSAT (Continued from page 1)

Cooperative Institute for Research in the Atmosphere (CIRA). STC-METSAT provides the key software and user interface support to the Center at CIRA. The center then produces nine data products containing retrieved parameters including radar reflectivity, cloud type, liquid and ice water content, and radiative fluxes and heating rates. These products are distributed to scientists and operational forecasting groups around the world for research and tests that will improve understanding and forecasting of weather and climate processes.

The Science Data Processing Center worked with the CloudSat Science Team to develop the data processing system in an efficient and cost-effective manner and has been recognized for its outstanding ability to produce satellite products and make them available in near real-time.

The award recognizes the exceptional contributions to the CloudSat mission in the design, development, and implementation of the CloudSat data processing system. □

### Ethics Corner

Alcohol is non-reimbursable under both Federal and Joint Travel Regulations (FTR/JTR). It is unethical to "hide" alcohol expenses on travel reimbursements as any other cost.

### PLEASE CHECK YOUR PAYCHECK AND DIRECT DEPOSIT ENVELOPE EVERY PAY PERIOD!

While we try to get information to our employees through e-mail, our intranet site, and supervisors, we have found the most effective way to ensure all active employees "get the message" is to include a memo in the pay envelope. Important information such as benefits enrollment reminders, 401k disclosures, policy changes, and training materials are distributed frequently. Please check every pay envelope to ensure you don't miss out on critical communications.