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ARCATA ASSOCIATES NEWSLETTER

Arcata Expands J-Tech Work to the Electronic Combat Range at China Lake!

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In January Arcata's work on the Joint Range Technical Services (J-Tech) contract was expanded to include the operations and maintenance of various threat simulators and foreign and TSPI radar systems at the Electronic Combat Range (ECR). The ECR is one of four Annexes on an operation that spans across California, Nevada and Utah. The ECR is a member of the Department of Defense's Major Range and Test Facility Base (MRTFB) and part of the Naval Air Warfare Center, Weapons Division located at China Lake, California.

The mission of the ECR is to provide aircrew training and decision quality data to testers of electronic warfare platforms. To accomplish that critical task, the range operates a wide range of air defense threats, electronic warfare jammers, data collection networks and communications infrastructure.

As part of this operation we welcomed 25 employees to the Arcata fold led by Scott Robison, our Operations and Maintenance Supervisor. The new operation falls under the purview of Ralph Decker,



Courtesy USN

our VP of J-Tech Program, who is also responsible for the Nevada Test and Training Range J-Tech operation. "We thank JT3 for the opportunity and are excited to be part of this important operation. We look forward to working with our customers to provide time critical test and training support to the Navy at China Lake," said Ralph Decker.

RF&ESS Receives a 97 - Highest Award Fee Score Yet!

Congratulations to Arcata's Research Facilities and Engineering Support Services (RF&ESS) Program on receiving a 97% award fee score for the period August 1, 2006 though January 31, 2007! It is the Program's highest award fee score since contract inception in 2002 and equates to an overall Excellent performance rating.

The following Arcata accomplishments were highlighted by NASA Dryden Flight Research Center (DFRC):

- Rewired, rerouted and tested the transition of all existing NASCOM voice and data circuits as part of DFRC Network Technology Refresh (NTR) project.

- Provided engineering, design, installation and integration of range communications systems for the Blended Wing Body project.



Arcata supported the X-48B Blended Wing Body technology demonstrator.

Courtesy NASA

- Developed and supported command controller for the Enhanced Flight Termination System project.

- Operated Network Management and Desktop Computer Maintenance Customer Support Centers for DFRC customers, all processed within SLA parameters.

- Successfully supported range tracking radar and telemetry systems for STS-115, covering 12 engineering test and training orbits and 140 STS and ISS orbits.

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David Rogers

Employee Spotlight



"...I am so thankful that Arcata recruited me. They also have allowed me to grow, and support my managerial role here at the NSSC."

In February 2006, David Rogers joined the company as the on-site Manager for Arcata's NASA Shared Services Center (NSSC) subcontract. The NSSC, located at the Stennis Space Center in Mississippi, consolidates business support functions for NASA. In addition to overseeing Arcata's work in Human Resources and Procurement, David also serves as a Functional Lead for the Procurement Department in charge of Grants and Cooperative Agreements.

David was born in New London, Wisconsin. He joined the Marine Corps at age 19, and completed basic training at Paris Island, South Carolina. His first duty station was 29 Palms, California where he attended Radio Communications School. His first tour of duty consisted of orders to Okinawa Japan, Inchon Korea, and Camp Pendleton California. He was released after four years and moved to Raleigh, North Carolina.

He went to work for a former Marine who owned a restaurant. During the interview he was hired, but was told to "come back tomorrow so my wife can tell you where you will be working." He started as a waiter, and worked his way up to assistant manager. After three years of "civilian" life, and staying active in the Marine Corps Reserve, he decided to go back on active duty. He was assigned to a reserve center in Wilmington, North Carolina, where he managed the logistics department. He successfully embarked his unit to Desert Storm and redeployed all of the

equipment and personnel upon their return. He also met his future wife, Amy Wilson, and they were married in 1993 in Charlotte, North Carolina. After several moves, their son, Calvin, was born in Kansas City.

David's work in Procurement began while working in a field supply office, and advanced from there. He spent the last seven years working as a Contract Specialist in regional contracting offices, culminating with the duty of Non-Commissioned Officer in Charge. After 24 years, he retired as a Master Sergeant from the United States Marine Corps and joined Arcata.

David's view on leadership is that "you often have to listen more than you speak. Some leaders only speak to hear themselves talk. True leaders speak only when they have something to say, and that normally comes after listening to all sides of the story, or examining the situation from top to bottom." His view of teamwork is just as strong. He explained, "Teamwork is the ultimate competitive advantage. Teams that are successful find a way to control the in-fighting. A good argument is one thing, and in many ways useful, but to be successful the communication must be positive and productive. That's why good teams are so powerful, yet so rare."

"Arcata is one of the few companies that really takes care of their employees. There is genuine interest in the wellbeing of their greatest asset, and I am so thankful that Arcata recruited me. They also have allowed me to grow, and support my managerial role here at the NSSC."



David Rogers with wife, Amy, and son, Calvin

Arcata Helps Nellis Obtain US Joint Forces Command Accreditation/Certification

On January 3, 2007, Major General Kamiya approved the Joint National Training Capability (JNTC) conditional certification/accreditation of the U.S. Air Force RED FLAG- Nellis Training Program. Obtaining this certification/accreditation was the culmination of a major effort put forth by both the U.S. Air Force and Arcata's Red Flag contract employees at Nellis AFB since last summer. The Red Flag Nellis Training Program may now support "joint" training exercises that involve different branches of the military including the U.S. Air Force, Army, Navy, and Marines.

"I am very pleased with the superb performance and contributions of Arcata's Red Flag Team. By participating in more realistic joint training exercises, we can now play an even more valuable role in training the warfighter," said Ev Clason, Arcata's Red Flag Program Manager.

An Airborne Warning and Control System (AWACS) aircraft takes off while a Navy F/A-18 prepares for a Joint Red Flag mission.



Courtesy USAF

Arcata CTTR Employees Assist the Navy to Keep Combat Ready

As the nuclear-powered aircraft carrier, USS Enterprise, got underway for the first time after a respite from its return from a six-month deployment last November, Arcata's Combined Tactical Training Ranges (CTTR) employees on the East Coast stood ready to support the aircrafts' practice missions on land.

The Navy's East Coast Electronic Warfare Systems Branch supported a Carrier Strike Group Sustainment Exercise involving the USS Enterprise. A Sustainment Exercise is conducted to support carrier strike warfare qualifications while maintaining combat readiness for upcoming surge deployments.

The exercise was conducted in the Jacksonville, Florida Operating Area and involved multiple strikes and unit level training into the Pinecastle Bombing Range in Florida. The East Coast Electronic Warfare Systems Branch at MCAS Cherry Point (North Carolina) deployed three electronic warfare (EW) threat simulator systems and a mobile Fury System in support of the exercise to the Pinecastle Bombing Range. Pinecastle provides the perfect location for this training, and the Arcata personnel who operate and maintain the Pinecastle scoring systems are a key

part of this process. Arcata technicians at Cherry Point and Atlantic field, North Carolina provided remote support for deployed assets, coordinated network connectivity with other training range functions, and supported local range operations.

"Staying at the top of our game at all times is a critical component of retaining a high level of combat readiness," said Capt. Larry Rice, Enterprise's commanding officer. "As the surge carrier, we could be called to action in the event of unexpected threats or contingency operations. We need to continue to train like we fight, be ready for anything that may come our way, and always remember we are a combat-ready strike force."



Plot Score of actual mission at Pinecastle Bombing Range, Florida

Raptor Debuts at Red Flag

In January 2007, Arcata's Red Flag Program employees supported the F-22 Raptor's maiden Red Flag aircrew training exercise at Nellis AFB. The F-22 Raptor, a stealth fighter aircraft that can perform ground attack, electronic warfare and intelligence roles, formally entered service in December 2005.

The F-22 Raptor performed extremely well against its adversaries during the exercise. According to Moshe "Mo" Comforti, one of Arcata's Senior Range Training Officers on the Red Flag Program, "There are many published articles that describe its invisibility from radar beyond visual range and near invisibility in a close-in environment. Pilots describe how frustrating and humbling it is to fly against the F-22. It has the ability to 'shoot and scoot' and 'turn and burn' against anything we throw at it. However, until you fly against it, or in my case, you try to assess its firepower capabilities, that's when you truly appreciate that it is a superb warfighting machine. Bottom line, I'm glad the F-22 is on our side."



An F/A-22 Raptor (above) breaks away from an F-16 Fighting Falcon (below) after completing a training mission at Nellis AFB.

Highest Award Fee Score Yet!... Continued on from page 1

- Completed DFRC Rooftop antenna upgrade project, developing alternative engineering paths that enabled support of STS-115 engineering passes.

Arcata was also recognized for its support of important, high visibility projects at NASA Dryden including:

Stratospheric Observatory for Infrared Astronomy (SOFIA)

The SOFIA program includes a high-altitude airborne observatory which is capable of scientific celestial observations ranging from visible light through the sub-millimeter far-infrared spectrum. Arcata completed a telemetry and communication system for a Mobile Operations Facility (MOF) and developed an IT infrastructure that was critical to the preparations for the first

Photo Courtesy of NASA

SOFIA flight tests scheduled for April.

X-37 Advanced Technology Flight Demonstrator

The X-37 is a test bed for dozens of advanced structural, propulsion and operational technologies that could dramatically lower the cost of future reusable launch vehicles. Arcata's participation as a flight test team member was critical to the successful completion of this flight test program. They provided key technical and video support that was utilized by control room personnel to make go/no-go range safety decisions.

"I want to recognize and thank Jim Tilley, RF&ESS Program Manager, and the entire RF&ESS team for their tremendous effort and superb results," said Tim Wong, President.



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Community Happenings



Tim Wong visiting the Laughlin Library.

Tim Wong, was named Trustee of the Year for the State of Nevada by the Nevada Library Association. He was honored for his contributions and nine years of service as Trustee for the City of Las Vegas, Clark County Library District.

The Buck Wong Family as been chosen to receive one of six Community College of Southern Nevada (CCSN) Legacy Achievement Awards. The award is accompanied by an endowment which will provide a \$10,000/year scholarship in the family's name for as long as CCSN exists. This is the first year the CCSN has awarded Legacy Achievement Awards.

Nancy Wong was installed as a Las Vegas Chamber of Commerce Trustee. This is Nancy's 3rd term.

Arcata has recently supported the following organizations:

- Nevada Police Athletic Federation (aka NV Police and Fire Games)
- Flight Test Historical Foundation - "Gathering of Eagles" event to support the Air Force Flight Test Center Museum, CA

- International Test and Evaluation Association (ITEA) Scholarship Fund
- Organization of Chinese Americans - Washington DC Internship Sponsor
- FIRST Robotics Team- Tehachapi High School, Tehachapi, CA
- NASA Stennis Space Center Special Olympics, MS



Cyber Tux, Tehachapi High School's FIRST Robotics Team's Robot. Arcata is a platinum sponsor of the team.



L to R: Arcata employees Vessie Means, Tanya Burnett, Keri Miller, Emma Mitros, Laurel White, and Shelly Lee participated in the Stennis Space Center Special Olympics.