

DEFCOMM Communications Briefing



Critical Mass

*Greg Stein, President and CEO
 San Diego DEFCOMM*

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San Diego DEFCOMM has reached critical mass.

The delivery of the JIST V1S1 (Joint Integrated Satellite Communications Technology Version One Spiral One) in late 2002 demonstrated that the integrated project team concept of delivering innovative technology to the warfighter in less time and at less cost is a reality. Today, **the JIST team is preparing to deliver V1S2 and Congress is expected to act on future funding for the project.**

ACMS (Advanced Communication Management System), sponsored by SPAWAR and the major tenant of the DEFCOMM Software Engineering Center, has successfully achieved the sustainment portion of that program and expects to continue at approximately their current level of funding and employee count for the next several years.

Our Congressional delegation has now taken a very active role in supporting pipeline projects for future DEFCOMM efforts including Advanced Transportation Systems,

Biological Defense, and Web-Enhanced Economic Development Tools. At the same time, **new DEFCOMM members are writing grant proposals and submitting responses to RFPs under our umbrella.**

Not only are we making great strides in building the "business" side of the organization, but we are also engaging in the community like never before.

Our effort in support of the County of San Diego/State of California sponsored Economic Development Administration Grant to develop baseline information about the San Diego region's Military Active Duty and Department of Defense Civilian Employee Spouse and Families is nearing completion. With the help of major Navy facilities, more than 55,000 employees and their families had an opportunity to fill out a survey to give us this vital information which will not only be used to support our region's effort to sustain the military presence during the upcoming 2005 round of BRAC (Base Realignment and Closure), but will also identify resource gaps and vice-versa unique

opportunities for the community and military structures to address or utilize.

Add to these efforts **the arrival of Cass Peterson, Vice President of Engineering** to catapult forward and manage ongoing engineering projects, **the upcoming high-school physics oriented Vector Project where students will design, build and launch rockets for prizes**, the upcoming **First Annual Industry Recognition Dinner**, and Golf Tournament in the Fall and you are starting to get a sense of the energy and excitement in our organization that has now become quite a chain reaction.

Critical Mass. To our founders and long time friends – thank you for the vision. To our future members and new friends – now is the time to become a part of a truly amazing and unique organization. Give me a call.

DEFCOMM Project Pipeline

Congressman Randy "Duke" Cunningham and DEFCOMM members tour ISE Research Facility

On April 22, 2003, Congressman Cunningham, DEFCOMM members as well as representatives from local transit authority and local technology companies toured ISE Research-ThunderVolt (ISE) to view the New Flyer-ISE gasoline-hybrid bus. This San Diego based hybrid-electric and fuel cell technology company is considered one of the leading companies involved in fuel cell technologies. It was awarded the Blue Sky Award by CALSTART in November of 2002.

ISE Research and the DEFCOMM Engineering Production Board are working together on a project that is currently in the Engineering Pipe-Line under the name TACOM (Tank and Automotive Armaments Command). A brief overview shows the goal would be to develop a

Water is the only by-product produced when hydrogen fuel is used to power a vehicle



(LtoR) ISE President Michael Simon, Congressman Randy "Duke" Cunningham and DEFCOMM President & CEO, Greg Stein.

variety of heavy-duty vehicles such as buses, trucks, and construction vehicles, all powered by hydrogen fuel. Military and civilian vehicle fleet operators in the Southwestern United States will demonstrate these vehicles with a focus on San Diego

and surrounding counties. Demonstration vehicles will also be supplied to the Army Tank and Automotive Armaments Command (TACOM) for test and evaluation, and public demonstration purposes.

On April 28, 2003, the Long

Beach Transit Board of Directors authorized the purchase of New Flyer transit buses from ISE. The initial order called for 27 of the new gasoline-powered hybrid-electric buses, with the option to "piggyback" orders from other California transit agencies. The total order number is expected to be well over one hundred vehicles purchased over the next four years.

The ISE gasoline-hybrid



Riding the bus with Randy "Duke" Cunningham at the wheel.

drive system generates electric power with a Ford Triton VIO engine mated to a permanent magnet generator. Hydrogen and fuel cell propulsion technologies produce no harmful emissions. Water is the only by-product produced when hydrogen fuel is used to power a vehicle.

San Diego

DEFCOMM

Engineering

Production Board

Benefits

This forum's mission is to promote expansion of San Diego's Defense and Space Technology Industries by creating alliances between businesses, academia and government to compete for large DOD programs as well as State and Federal research grants.

San Diego DEFCOMM establishes a business-to-business relationship with selected companies to help them become:

- ~ More competitive by enabling them to offer new or existing customers a much broader range of products and services,
- ~ Increase revenues,
- ~ Expand geographic reach
- ~ Create new ways to differentiate themselves,
- ~ And to increase business opportunities.



**DEFCOMM
INSTRUMENTAL IN
PREPARING STUDY ON
MILITARY IMPACT IN THE
REGION**

San Diego DEFCOMM has partnered with the county's Office of Trade and Business Development and the San Diego Regional Chamber of Commerce to complete a study that would assess the impact of the military on the region. Survey's were completed by military members and their families in addition to defense-industry businesses and small businesses that cater to the military.

The next round of Base Realignment and Closure (BRAC) decisions are not expected to be made until 2005 and officials have not indicated whether specific bases have been targeted. Rumors however have hinted that several San Diego facilities could come under the axe, including: the Marine Corps Recruit Depot; the Naval Depot at North Island; and the Space and the Naval Warfare Systems Command Headquarters.

The data is being compiled and will be presented later this month to the San Diego City Council and county Board of Supervisors. Upon completion it will be the most thorough study on these issues ever done in the San Diego region.



*San Diego DEFCOMM
Presents the First Annual
Membership Recognition
Awards Banquet*

Friday, June 6, 2003

**at the San Diego Marriott La
Jolla
4240 La Jolla Village Drive**

**Join us for an elegant evening
when the San Diego space
and defense technology industry
celebrates excellence within the
community.**

**6:30 p.m. cocktails
7:30 p.m. dinner and program**

**\$85 per person
\$800 table of ten
\$100 per person (non-member)**

**Reservations required by
Friday, May 30, 2003**

**Call San Diego DEFCOMM at
(619) 334-8800**

Or by e-mail to

hoffman@sddefcomm.com

The Vector Project

On **Saturday, May 31st**, at Cuyamaca College, teams from El Cajon Valley High School (2 teams), El Capitan High School, Grossmont High School, Granite Hills High School and Mt Miguel High School will compete for prizes and scholarships in the first annual **Vector Project Rocket Launch**.

The mission of the Vector Project is to design and build a sage and stable two-stage model rocket flight vehicle and use it to lift a fragile payload to exactly 1,500 feet, then return the payload safely and undamaged. Judging will be based on accuracy, craftsmanship and project management. **The event begins at 9:00 a.m. and is open to the public.**

The DEF COMM Vector Project provides high school student teams with hands on experience in designing, building and launching a flying aerospace vehicle that meets a specified set of mission goals and performance requirements. The contest is designed to expose a student population with diverse competencies to the breadth of opportunities available in the space and defense industries, provide reinforcement for math, science, and crafts curriculum, and enhance team building and project completion in an exciting and entertaining setting. Students will compete for a grand prize, and will be recognized at the San Diego DEF COMM annual dinner, in the media, and by community organizations.

Contact Us !

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DEF COMM Welcomes Cass Peterson to Leadership Team

Cassandra C. Peterson joined DEF COMM at the end of March to serve as the Vice-President of Engineering. She will strengthen the Engineering Production Board and Program Management Activities.

"Cass brings more than twenty years of experience in program management, business development, technology and marketing with both commercial and defense clients," says Greg Stein, President and CEO of DEF COMM. "Her breadth of experience and solutions-oriented attitude are critical assets for our organization as we quickly expand our portfolio of projects and programs."

The Vector Project

Design - Build - Launch

Saturday, May 31, 2003

DEF COMM Mission
To promote the growth and global competitiveness of the San Diego Defense and Space Technology industry by creating innovative alliances between industry, government, and academia.

Industry Events

11 - Wednesday - 11:30 a.m.

NDIA Chapter Monthly Luncheon Meeting at the Bahia Hotel.

12 - Thursday - 9:00 a.m.

DEFCOMM Public Policy Committee meeting at the DEFCOMM office. Open to DEFCOMM members.

19 - Thursday, 9:00 a.m.

DEFCOMM Engineering Production Board Meeting at SD DEFCOMM office. Open to DEFCOMM members. (See page 2 for more details on this committee)

July

7 through 11 - Conference

ESRI Users Conference, San Diego World's Largest GIS conference, to be held at the San Diego Convention Center. Register by June 1st, at www.esri.com/events/uc/registration.html

June

6 - Friday - 6:30 p.m.

First Annual DEFCOMM Membership Recognition Awards Dinner at the San Diego La Jolla Marriott. Join your peers and colleagues in recognizing excellence in our industry and communities. Tickets are \$85 per person, \$800 per tables of ten and \$100 per person for non-members.

Call 619-334-8800 to make reservations.

10 - Tuesday - 7:15 a.m.

San Diego Chamber of Commerce Military Affairs Advisory Council (MAAC) Breakfast at the Bay View Restaurant on Marine Corps Recruit Depot (MCRD). Registrations can be placed by accessing the SD Regional Chamber Website "Events" page.

May

28 - Wednesday - 7:30 - 9:00am

AEA, San Diego Council, presents, "Survive 'till 2005, Real Estate Strategies to Reduce Corporate Burn Rate" Ensemble Communications, 9890 Towne Center Drive. **Call Tammy Carney at 858-452-9288 x100 for event details and registration.**

31 - Saturday - 9:00 a.m.

DEFCOMM Vector Project Rocket Launch at Cuyamaca College. Teams from area high schools will compete for prizes and scholarships by launching two-stage model rocket flight vehicles that they have designed and built. **This event is open to the public.**

