



**Press Release
For Immediate Release**

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NAVSYS CORPORATION CELEBRATES 25 YEARS OF GPS INNOVATION

Colorado Springs, CO – March 31, 2011 – NAVSYS Corporation announced the celebration of its 25th anniversary on March 31, 2011. NAVSYS Corporation (“Company”) was founded in 1986 to focus on the development of innovative products using the Global Positioning System (GPS). The Company has concentrated on new advanced technologies in order to target emerging GPS markets where innovative designs have an advantage over more conventional GPS products. The NAVSYS advanced engineering laboratory and staff offices are housed in a former Woodcarvers Museum just north of the United States Air Force Academy, on the border between Colorado Springs and Monument.

Dr. Alison Brown founded NAVSYS 1986, after moving from California when her husband accepted a teaching assignment at the Air Force Academy. As a recognized expert in the emerging GPS field, Dr. Brown was asked to consult for her previous employer and prior government customers. From a one-person office in her spare bedroom, she grew NAVSYS into an internationally recognized developer of innovative GPS technology solutions. Today, she serves as its President, CEO, and technical visionary.

NAVSYS has received numerous awards and recognition over the years as an industry pioneer and as a successful small business. NAVSYS was the recipient of the prestigious 2007 Small Business Innovative Research (SBIR) Tibbetts Award and the 2008 Excellence Award presented by the Association for Enterprise Integration (AFEI). NAVSYS received multiple recognitions as a growing small technology business by Deloitte. In 2012, the Smithsonian will open a permanent satellite navigation exhibit at the National Air and Space Museum that will include the invention and use of GPS. This exhibit will display some of the equipment developed by NAVSYS in its early years.

Over the years, Dr. Brown has succeeded in attracting world-class engineering talent to this region. Over 100 talented engineers have relocated to the region to work at NAVSYS. Many of the engineers she trained in GPS technology have become entrepreneurs (or intrapreneurs) at other companies. NAVSYS alumni are now in leadership positions at companies such as Novatel, Broadcom, and Google.

Dr. Brown is also a strong advocate for advancing the needs of small and women owned businesses. The Woodcarver Properties, which houses NAVSYS, is also a dog-friendly incubator for small business.

“The two things that I enjoy most about NAVSYS are the talented people I get to work with every day and the exciting and challenging projects that we work on,” says Dr. Brown. “Although I have to spend a lot of time traveling to visit our customers, who are located all over the United States, coming back to the NAVSYS office with our views of the beautiful Front Range and having an outdoor lifestyle literally in my backyard makes it an easy decision for Monument to be my home.”

A short list of major NAVSYS achievements includes:

- Developing the Wide Area Augmentation System signal generation equipment and algorithms that allow Inmarsat and MT-SAT geostationary satellites to broadcast the GPS augmentation signals used today by all aviation GPS receivers.

- Implementing the first GPS solution for cell phones that was tested in Colorado under the Mayday Project for emergency 9-1-1 mobile phone location. This testing resulted in the Federal Communications Commission mandating E-9-1-1 for cellular services.
- Demonstrating for the first time, through the Falcon Gold space payload, that GPS can be tracked from orbits above the GPS satellites and be used for positioning other GEO and HEO satellites.
- Developing the NAMATH high-accuracy global GPS correction system used by the Air Force for improving the precision of GPS-guided munitions.
- Developing the JLOC system, which is used to provide global alerts when GPS interference is detected and to determine areas where navigation is affected.
- Developing the InterNav precision geointelligence GPS/inertial navigation capability that allows Electro-Optic and FLIR sensors to zoom to their highest resolution and remain stabilized on a particular point on the ground, independent of the sensors' own motion.
- Performing the first demonstration of a GPS advanced-receiver solution with digital beam-forming, anti-jam protection, and the ability to detect and geolocate jammers.
- Developing an ultra-low-power GPS snapshot solution that enabled production of miniaturized GPS tracking devices with multi-year operation, for tracking of small animals including birds, penguins, turtles, and tapirs.

NAVSYS Facts

Annual Revenue: \$6-7M **Current Employees:** 32
 (NAVSYS has relocated over 100 employees to Colorado in the last 25 years.)

Total Primary Employer Revenues brought to date to Tri-Lakes Region: \$82.5M
 (The Federal Reserve estimates that each "primary employer" dollar circulates in the community six times before leaving it. On this basis, NAVSYS' total economic impact since 1986 is about \$500M.)

Some of our Current Customers:

National Geospatial Intelligence Agency
 Space and Naval Warfare Systems Command
 Naval Air Systems Command
 Marine Corps Systems Command
 Office of Naval Research
 U.S. Army Communications-Electronics Research, Development, and Engineering Center
 Defense Advanced Research Program Agency
 Air Force Combat Command
 Air Force Research Laboratory

Some of our Industry Partners:

FLIR Systems, Inc	RaceLogic
Agilent Technologies	General Dynamics
Viasat, Inc	BAE Systems
Xilinx	Trimble
Coherent Logix	Honeywell Aerospace
Boeing Corporation	NEC Global

University Partners:

University of Colorado, Colorado Springs
 Virginia Polytechnic University
 Penn State University
 Ohio State University
 Rutgers University

Company Awards:

2004: Colorado Technology Fast 50 Award, Deloitte
2005: Entrepreneur of the Year, Celebrate Technology
2006: Most Successful Company Resulting From an SBIR Award, SBIR Colorado
2006: Top Company Award Finalist, Colorado, Deloitte
2007: Tibbetts Award, Small Business Technology Consortium
2008: SBIR/STTR Showcase award, NASA
2008: Excellence in Enterprise Integration Award, AFEI
2010: Innovation and Performance Award, US Women's Chamber of Commerce

Google "I'm Feeling Lucky" searches that return NAVSYS as the top hit:

GPS papers	GPS inertial
GPS low power	GPS weak signal positioning
GPS indoor navigation	GPS multipath mitigation
GPS beamforming	GPS target geolocation

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