

Abstract on FIG Pre-Seminar Conference Paper

Presented by

**Donn Eyman from Trimble Navigation
Sponsor**

This FIG seminar will demonstrate Trimble positioning technologies and show how they allow surveying businesses to manage the exchange of data between the field and the office more effectively.

This workflow is integrated through Trimble's Connected Site. The Connected Site is the full integration of different technologies to create a total solution. The Connected Site spans through the Survey, Construction, and GIS businesses, and offers many benefits that will be highlighted in this presentation.

Following the introduction to Trimble's Connected Site, this seminar will focus on how the Connected Site benefits our customers by providing productivity gains and efficient workflows.

Trimble seminar focus:

- Infrastructure Solutions
- Integrated Surveying™ by Trimble
- Productivity Solutions for Surveyors

In this seminar we will cover some basic concepts of Infrastructure, GPS Networks (Virtual Reference Stations (VRS) and single base), and the communications required.

As examples we will discuss two infrastructure systems in the Caribbean and explain the difference between each. These infrastructure systems are located in the Cayman Islands and Trinidad.

Also featured will be a discussion on Integrated Surveying. Trimble's Integrated Surveying allows users to integrate GNSS/GPS receivers and optical total stations to deliver one seamless solution.

This information will cover our rover system, the Trimble R8 GNSS GPS receiver. This cutting edge rover system combines GPS and optical data in powerful field software, such as Trimble Survey Controller™.

For surveyors requiring scanner capabilities, as well as the ability to perform normal topographic work, we will showcase the Trimble® VX™ Spatial Station. This unique surveying solution allows users to accurately capture the shape, detail and precise coordinates of any job. The Trimble® VX™ is a productive surveying instrument and an easy entry into spatial imaging.

Additional Trimble solutions such as the Trimble R3 GPS receiver and the Trimble M3 total station will also be discussed.

Biography for Donn Eyman

Donn Eyman holds a Bachelors degree in Oceanography from the Florida Institute of Technology in Jensen Beach, Florida. His knowledge of GPS came from the time he spent in the seismic business.

Donn has worked at Trimble Navigation since 1995. His first 11 years focused on technical support for the mapping, construction, survey and marine divisions within Trimble. He has been in his current role as the Trimble sales representative for Mexico and Central America since August 2006.

Tengo una licenciatura en oceanografía del instituto de la Florida de la tecnología en la playa de Jensen, la Florida. Mi introducción principal al GPS era durante mi tiempo en el negocio sísmico. Empecé trabajando con la navegación de Trimble en 1995. Mis primeros 11 años estaba en soporte técnico para construcción, topografía y otras divisiones. He sido el representante de ventas de Trimble para México y América Central desde Agosto 1, 2006.