

BURT & MULLETT STUDENT CHAPTER
AMERICAN CONGRESS ON SURVEYING AND MAPPING
Minutes from November 27, 2007

- 11:00am: Meeting called to order.
- Attendance passed around. 37 signed in.
- President Zeb Bryant's Introduction
 - Speaker: Trimble
 - Dues need to be paid
 - March 28 Advisory Meeting. See Craig Amey.
 - Pay MSPS dues
 - ACSM deposit of \$100 due by next meeting, Dec. 4th
 - Survey Engineering Sweatshirt coming December 7th
 - Nate Ovans announcements
 - Competition paper due
 - TRIGSTAR next semester
 - Scholarships by 5pm this Friday
- Bruce Hooks from Trimble. Office in Westminster, CO
 - Spatial Imaging
 - Positional information captured at eye level
 - Geospatial Industry
 - Fast Growing, Consumer Market: Mainstream
 - VX Spatial Station
 - 1" accuracy
 - 15 points/second
 - Up to 150m range
 - Color Digital Image Sensor
 - GX 3D Scanner
 - 5000 points/second
 - Up to 300m range
 - Real Time Integrated Image Sensor
 - Software
 - Solution only as strong as the software used
 - No longer WHO possess data but WHAT do with it
 - Volumes/Stockpiles
 - 15 minute at each station, Required resolution affects time needed for scan
 - 4 setups to cover 100m in length. 141,000 points
 - Volume down to actual square meter accuracy
 - Integrate raw data with GPS data for "gaps"
 - Photos overlay points for modeling
 - Training for surveyors
 - Half day to get up and running
 - 3 days for basics
 - 5 days for advanced
 - Send out on a job after a week of training
- Questions
- 11:45 am: End of meeting.