

iGrid 2005 Workshop, 26-29Sep05, UCSD/CalIT2

Accelerating the Use of Multi-10Gigabit per Second International and National Networks: www.igrid2005.org

US130: Real-Time True-3D/HDTV (No Goggles) Visualization Over the National LambdaRail

NASA and Physical Optics Corporation demonstrate a holographic 3D HDTV video display system that does not require goggles or other special head gear, using a live cross-country video feed from NASA Goddard Space Flight Center to the iGrid 2005 site in San Diego. POC is a NASA SBIR Phase 1 awardee, and worked with NASA GSFC on this project.

www.poc.com/emerging_products/3d_display/default.asp

O Center top & right: Stereoscopically-aligned Sony HDV 1080i HDR-FX1HDTV cameras and the viewed targets at GSFC.

O Below: Monitor and video compression/transmission control unit.

O Center bottom: Monitor showing viewed targets.

