The BIG Picture:
User Selected Viewing of Sporting Events.

- show me that play from the viewpoint of the goalie
- ... from the viewpoint of the ball
- ... from a viewpoint along the sideline
- what offensive plays does Brazil run from this formation
- how often has Italy had possession in the offensive zone
Project 9807-28: Variable Viewpoint Reality
Paul Viola and Eric Grimson

Progress Through December 2000

- Improved Segmentation Algorithms
- New Integrated Segmentation Algorithms
Research Plan for the Next Six Months

• Integration of Visual Hull methods with segmentation and calibration algorithms
• Generation of real-time reconstructions within Visual Hull framework
• Real-time calibration of camera systems
• Explore tracking of articulated body models
• People Spotting & People Tracking