

**Precision Telescope Control System**  
**Conceptual Design Review**  
Green Bank, WV 8/9th April 2003

**Day One - Tuesday 8th April**

- 09:00 - 09:30 Introduction to the Project and Review - Richard Prestage  
09:30 - 10:00 Scientific Requirements - Jim Condon  
10:00 - 10:20 Current GBT Performance - Dana Balser
- 10:20 - 10:40 Break
- 10:40 - 11:00 Overview of the High Frequency Observing System - Richard Prestage  
11:00 - 12:00 PTCS System Design - Kim Constantikes
- 12:00 - 13:00 Lunch
- 13:00 - 14:00 PTCS Observing Scenarios - Richard Prestage  
14:00 - 15:10 Laser Rangefinder Overview and Current Performance  
- Dave Parker, Don Wells, Fred Schwab
- 15:10 - 15:30 Break
- 15:30 - 16:15 Engineering Measurement System Presentation- Kim Constantikes  
16:15 - 17:00 Engineering Measurement System Demo - Ray Creager, Paul Marganian

**Day Two - Wednesday 9th April**

- 09:00 - 09:30 Antenna Instrumentation - Kim Constantikes  
09:30 - 10:00 Critical Experiments - Jim Condon
- 10:00 - 10:15 Break
- 10:15 - 11:15 Short Term System Improvements  
- OOF Beam Maps - Claire Chandler  
- Holography - Ron Maddalena  
- Pointing/Focus Tracking - Jim Condon
- 11:15 - 12:00 Project Plan - Richard Prestage
- 12:00 - 13:00 Lunch
- 13:00 - 14:00 Open discussion/questions/follow-up
- 14:00 - 17:00 Panel compose draft report