

GBT Monthly Systems Report on Project Coordination for June 1998
M. McKinnon

Schiebel, Wells, Payne, and McKinnon are pinpointing the locations of the elements of the quadrant detector. King is forwarding the dimensions of the telescope structure needed to locate and size the small hole in the primary reflector that is required for the detector.

Condon developed scientific requirements for GBT metrology. The requirements and their implications were discussed in a meeting of scientists, metrologists, and software engineers. Action items were assigned to converge upon an appropriate strategy for integrating laser metrology into the monitor and control system for Phase III operations of the telescope.

A GBT coordination meeting was held on June 16, 1998. Issues raised at the User's Committee Meeting were discussed. The Users wanted to keep the 140-Foot Telescope open through mid-1999. They also wanted to see the results of mockup testing posted in a public forum. RFI tests of the GBT Receiver Room were discussed. NRAO will perform much of the work required to prepare the room for the tests. Concern was expressed that the contractor has not purchased an RFI door for the room, but NRAO may be able to fabricate a temporary door for the tests. The agenda for the upcoming GBT Science Workshop was briefly reviewed. It has been difficult to record accelerometer data at the GBT. Lawrence was given the responsibility of coordinating data recording sessions in the future to avoid or minimize problems with the accelerometers.

Fisher and Norrod developed plans for RFI testing of the GBT Receiver Room.

The objectives and specifications of the Q-band tertiary reflector summarized in GBT Memorandum 141 were reviewed and endorsed by Condon. McKinnon will summarize the objectives and specifications in a memo to the GBT archive.