

GBT Observing Schedule for December 2002

| Proposal | Investigators | Institute | NRAO Friend | Title | Bands | Back Ends | Days | Hrs |
|------------|---|---|---------------|--|-------|-----------|-------|-------|
| BP102 | Philstrom, Y. Conway, J. E. | NRAO - AOC Socorro Onsala Space Observatory | | Search for excited OH in Cygnus A | U | V | 22 | 12.00 |
| BT064 | Taylor, G.B. Peck, A. O'Dea, C. P. Ulvestad, J. | NRAO - Socorro MPIfR Space Telescope Science Instit NRAO | | HI and Continuum Imaging in the Gigamaser Galaxy TXS 2226-184 | L | V | 14 15 | 12.00 |
| GBT01A-014 | Braatz, J. A. Greenhill, L. J. | NRAO Harvard-Smithsonian | | Detecting High-Velocity Masers to Reveal Nuclear Disks in Nearby AGNs | K | S | 1 2 | 19.25 |
| GBT02A-012 | Minter, A. Balsler, D. | NRAO - Green Bank NRAO - Green Bank | Balsler, D. | Probing HI Structure On Sub-A.U. - A.U. Scales: Hydrodynamical or MHD Turbulence? | L | P | 3 18 | 2.00 |
| GBT02A-049 | Backer, D. C. Stairs, I. Nice, D. Lommen, Andrea | University of California University of British Columbia Princeton University University of California, Berkeley | Ghigo, F. D. | Exploration Of Millisecond Pulsar Timing Stability | LS84 | CB | 8 13 | 24.00 |
| GBT02A-052 | Stairs, I. Manchester, R. N. Lyne, A. G. | University of British Columbia Australia Telescope NRAL | Ghigo, F. D. | Continued Multifrequency Monitoring of a Massive Pulsar System | 6LS | BP | 20 | 4.00 |
| GBT02A-062 | Camilo, F. Halpern, J. P. Stairs, I. Backer, D. C. Arzoumanian, Z. | Columbia Astrophysics Laborato Columbia University University of British Columbia University of California NASA/GSFC | Ghigo, F. D. | Studying PSR J2229+6114: an Energetic Gamma-ray Emitting Young Pulsar | L | B | 6 27 | 2.00 |
| GBT02B-010 | Henkel, C. Braatz, J. A. Carilli, C. L. Lubowich, D. A. Millar, T. | Max-Planck-Institut fur Radioa NRAO NRAO American Institute of Physics UMIST | Maddalena, R. | The Kinetic Temperature of a Molecular Cloud at z=0.9 (NH3) | U | S | 14 15 | 7.00 |
| GBT02B-019 | Stairs, I. Ransom, S. Kaspi, V. Hessels, Jason Backer, D. C. Lorimer, D. | University of British Columbia McGill University McGill University McGill University University of California University of Manchester | Ghigo, F. D. | Timing of Newly Discovered Globular Cluster Pulsars | L8 | B | 9 | 8.00 |
| GBT02B-021 | Chandler, A. Jacoby, B. Anderson, Stuart Kulkarni, S. R. Prince, T. A. Backer, D. C. | Caltech Physics Caltech Astronomy Caltech Physics Caltech Caltech University of California | Ghigo, F. D. | Timing the Six Millisecond Pulsars in M62 | L | B | 21 | 6.00 |
| GBT02C-003 | Camilo, F. Halpern, J. P. Gotthelf, E.V. Mirabal, Nestor | Columbia Astrophysics Laborato Columbia University University of Columbia Columbia University | Ghigo, F. D. | RX J1836.2+5925: the next Geminga (this time in radio?) | 8L | B | 6 7 | 25.00 |

Gregorian Bands: Q=40-50GHz, K=18-26.5GHz, U=12.4-15.4GHz, X=8.2-10.0GHz, C=3.95-5.85GHz, S=1.73-2.6GHz, L=1.15-1.73GHz

Prime Focus Bands: 3=0.29-0.395GHz, 4=0.385-0.520GHz, 6=0.51-0.69GHz, 8=0.68-0.92GHz, A=0.91-1.23GHz

Back Ends: 2=S2 recorder, B=BCPM, C=cGBPP, D=Digital Continuum Receiver, O=user supplied, P=Spectral Processor, S=Spectrometer, V=VLBA recorder

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| GBT02C-024 | Garland, Catherine Williams, J. Pisano, D.J. Guzman, Rafael Castander, Francisco-Javier | University of Florida University of Florida Australia Telescope National Facility (ATNF) University of Florida Yale University | Ghigo, F. D. | An HI survey of Local Luminous Blue Compact Galaxies | L | P | 1 3 4 5 6 | 40.25 |
| GBT02C-034 | Camilo, F. Stairs, I. Lorimer, D. Backer, D. C. Ransom, S. | Columbia Astrophysics Laboratory University of British Columbia University of Manchester University of California McGill University | Ghigo, F. D. | Timing observations of the young pulsar in supernova remnant 3C58 | 8L | B | 6 27 | 8.00 |
| GBT02C-035 | Black, G. Campbell, D. B. Carter, L. Ostro, S. | NRAO Headquarters Cornell University Cornell University JPL | Ghigo, F. D. | Bistatic S-Band Radar Observations of Titan. | S | O | 14 15 16 17 18 19 20 21 22 23 24 26 27 28 29 30 31 | 35.92 |
| Comm | NRAO Staff | | | | K | SP | 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 26 27 28 29 30 31 | 156.25 |
| Maint | NRAO Staff | | | | | | 2 3 4 5 9 10 11 12 16 17 18 19 23 26 30 31 | 143.25 |
| Setup | NRAO Staff | | | | ULKS846 | VSPCBO | 1 3 5 6 8 9 13 14 15 16 17 18 19 20 21 22 23 26 27 28 29 30 | 33.59 |
| Tests | NRAO Staff | | | | A11LKCXS | A11PSBD | 2 3 4 5 7 8 10 11 12 14 15 16 17 18 19 20 21 22 23 24 26 30 31 | 169.50 |
| Shutdown | | | | | | | 24 25 26 | 36.00 |

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