

GBT Observing for August 2002

| Proposal | Investigators | Institute | NRAO Friend | Title | Bands | Back Ends | Days | Hrs |
|------------|--|---|---------------|---|-------|-----------|----------------|-------|
| BA057 | Andre, P. Lestrade, J. F. Bontemps, Sylvain Charlot, P. Ducourant, C. | Centre d'Etudes de Saclay Observatoire de Paris / DEMIRMD Observatoire de Bordeaux Observatoire de Bordeaux Observatoire de Bordeaux | | Kinematics and distances of the rho Oph Protocluster | X | V | 23 24 25 30 | 18.00 |
| BG125 | Garrett, M. Wrobel, J. | JIVE NRAO-SOC | Ghigo, F. D. | A Very Deep VLBA-GBT Pilot Survey of the NDWFS | L | V | 3 4 5 | 25.50 |
| GBT01A-040 | Lockman, F. J. | NRAO-GB | Maddalena, R. | Corotation of the HI Halo in the Inner Galaxy | L | SP | 14 15 31 | 18.60 |
| GBT02A-003 | Darling, J. Giovanelli, R. | Cornell University Cornell University | | Do Hyperluminous IR Galaxies Produce OH Gigamasers? | L | S | 16 | 10.00 |
| GBT02A-008 | Roberts, M. S. Maddalena, R. Haynes, M. P. Hogg, D. E. | NRAO-CV NRAO-Green Bank Cornell University NRAO-CV | Maddalena, R. | A Study of the Hydrogen Reservoir Surrounding Galaxies | L | S | 1 2 3 4 31 | 39.93 |
| 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 | 9 | 2.00 |
| GBT02A-038 | Thilker, D. Braun, R. Walterbos, R. Corbelli, E. Lockman, F. J. Murphy, E. M. | Johns Hopkins University NFRA New Mexico State University Osservatorio Astrofisico Arcet NRAO-GB University of Virginia | | Probing the ultra-low NH environment and outer disks of M31 and M33 | L | S | 13 14 | 14.25 |
| GBT02A-039 | Camilo, F. Klein, B. Mueller, Peter Wielebinski, R. Kramer, M. Lorimer, D. McLaughlin, M. Stairs, I. Backer, D. C. | Columbia Astrophysics Laborato MPIfR, Bonn MPIfR, Bonn Max-Planck-Institut fur Radioa NRAL University of Manchester University of Manchester NRAO - Green Bank University of California | Ghigo, F. D. | Searching for Radio Pulsations from the (X-ray) Pulsar J0205+6449 in SNR 3C58 | L | B | 10 | 4.00 |
| GBT02A-052 | Stairs, I. Manchester, R. N. Lyne, A. G. | NRAO - Green Bank Australia Telescope NRAL | Ghigo, F. D. | Continued Multifrequency Monitoring of a Massive Pulsar System | 6LS | BP | 2 6 9 | 12.00 |
| GBT02B-009 | Roshi, A.D. Deshpande, A.A. | NRAO-GB Raman Research Institute | Balsler, D. | AU scale HI structures: a probe using scattering of pulsar signals | L | P | 8 10 11 12 13 | 24.00 |
| GBT02B-013 | Nolan, M Campbell, D. B. Howell, H. Black, G. Margot, J.L. | Arecibo Observatory Cornell University Arecibo Observatory NRAO Headquarters Caltech (Geo. and Planetary) | | Target-of-Opportunity Bistatic Radar Observations of Near-Earth Asteroids | S | O | 16 17 18 19 20 | 15.00 |

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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| GBT02B-019 | Stairs, I. Ransom, S. Kaspi, V. Hessels, Jason Backer, D. C. Lorimer, D. | NRAO - Green Bank McGill University McGill University McGill University University of California University of Manchester | Ghigo, F. D. | Timing of Newly Discovered Globular Cluster Pulsars | L | B | 15 | 8.00 |
| Comm | NRAO Staff | | | | | | 2 4 5 6 8 9 10 11 12 13 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 | 317.50 |
| Maint | NRAO Staff | | | | | | 1 5 6 7 8 12 13 14 15 19 20 21 22 26 27 28 29 | 155.50 |
| Setup | NRAO Staff | | | | XL6S | VSPBO | 1 2 3 4 5 6 8 9 10 11 12 13 14 15 16 17 18 19 20 23 24 25 30 31 | 33.75 |
| Tests | NRAO Staff | | | | | | 1 2 3 7 8 9 11 12 | 33.00 |
| Shutdown | | | | | | | 7 8 | 15.00 |
| | | | | | | | | |

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