

# GBT Observing for May 2002

Proposal	Investigators	Institute	NRAO Friend	Title	Bands	Back Ends	Days	Hrs
BL106	Lazio, T. J. Goss, W. M. Brogan, C.L. Faison, M. Zauderer, A. De Pree, Christopher G.	Naval Research Laboratory NRAO-SOC NRAO New Mexico Facilities Beloit College Agnes Scott College Agnes Scott College, GA 30030	Ghigo, F. D.	AU Scale HI Opacity Variations	L	V	12	12.25
BU022	Ulvestad, J. Wong, Tony Taylor, G.B. Mundell, C.	NRAO Cornell University NRAO - Socorro Astrophysics Research Institut		NGC 4151: Where is the nucleus, and how fast is the jet?	CUX	V	16	10.50
GBT01A-079	Thorsett, S. Stairs, I. Arzoumanian, Z.	University of California NRAO - Green Bank NASA/GSFC	Ghigo, F. D.	Timing Fast Pulsars at the GBT	L	P	18	4.00
GBT02A-022	Allen, R. J. Rajagopal, J. Panagia, N.	Space Telescope Science Instit Raman Research Institute Space Telescope Science Instit	Maddalena, R.	Search for formaldehyde absorption of the CMB by cold molecular gas in M31	C	P	31	8.00
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	20	4.00
GBT02A-042	Margot, J.L. Peale, Stanton Slade, M.	Caltech (Geo. and Planetary) Dept. of Physics, U. of Calif., Santa Barbara JPL	Ghigo, F. D.	Radar measurements of Mercury's obliquity and librations	X	O	13 22	7.50
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	19	4.00
GBT02A-062	Camilo, F. Halpern, J. P. Stairs, I. Backer, D. C. Arzoumanian, Z.	Columbia Astrophysics Laborato Columbia University NRAO - Green Bank University of California NASA/GSFC	Ghigo, F. D.	Studying PSR J2229+6114: an Energetic Gamma-ray Emitting Young Pulsar	L6	B	20	3.00
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		Timing of Newly Discovered Globular Cluster Pulsars	L	B	27	8.75

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=0.51-0.92GHz, 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-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	29	6.00
Comm	NRAO Staff						10 11 12 13 14 15 16 17 18 19 21 22 23 24 25 26 27 28 29 30	316.76
Maint	NRAO Staff						1 2 6 7 8 9 13 14 15 16 20 21 22 23 27 28 29 30	161.75
Setup	NRAO Staff				LCUX6S	VPOB	12 13 16 18 19 20 22 27 29 31	10.00
Shutdown							1 2 3 4 5 6 7 8 9 10 30	178.73

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