

# GBT Observing Schedule for January 2003

Proposal	Investigators	Institute	NRAO Friend	Title	Bands	Back Ends	Days *	Hrs *
GBT02A-012	Minter, A. Balsler, D.	NRAO - Green Bank NRAO - Green Bank	D. Balsler	Probing HI Structure On Sub-A.U. - A.U. Scales: Hydrodynamical or MHD Turbulence? [A. Minter]	L	P	2 17	2.00
GBT02A-031	Lockman, F. J.	NRAO-GB		Galactic HI Mapping of X-Ray, UV, and Optical Deep Fields [F. J. Lockman]	L	PSD	30 [9 10 19 20 21 24 26 27 28 30]	4.00 [65.00]
GBT02A-052	Stairs, I. Manchester, R. N. Lyne, A. G.	University of British Columbia Australia Telescope NRAL	F. D. Ghigo	Continued Multifrequency Monitoring of a Massive Pulsar System [I. Stairs]	6LS	BP	11	4.00
GBT02A-062	Camilo, F. Halpern, J. P. Stairs, I. Backer, D. C. Arzoumanian, Z.	Columbia Astrophysics Laboratory Columbia University University of British Columbia University of California, Berkeley NASA/GSFC	F. D. Ghigo	Studying PSR J2229+6114: an Energetic Gamma-ray Emitting Young Pulsar [F. Camilo]	LS	B	19	1.00
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)	F. D. Ghigo	Target-of-Opportunity Bistatic Radar Observations of Near-Earth Asteroids [G. Black]	S	O	12 13 14	7.50
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, Berkeley University of Manchester	F. D. Ghigo	Timing of Newly Discovered Globular Cluster Pulsars [I. Stairs]	L8	B	18	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, Berkeley	F. D. Ghigo	Timing the Six Millisecond Pulsars in M62 [B. Jacoby]	L	B	19	6.00
GBT02C-002	Carilli, C. L. Stocke, J. T. Menten, K. M. Langston, G. I. Rector, T. Dwarakanath, K. S.	NRAO University of Colorado Max-Planck-Institut Fur Radioa NRAO-GB NRAO-AOC NRAO-AOC	R. Maddalena	Redshifted HI 21cm Absorption towards Red Gravitational Lenses (J0134-0931, J1004+1229) [C. L. Carilli]	8	S	[25 26]	[8.00]
GBT02C-023	Lockman, F. J.	NRAO-GB	F. J. Lockman	A Study of the HI Clouds in the Galactic Halo [F. J. Lockman]	L	SPD	[19 20 21 24 27]	[26.50]
GBT02C-034	Camilo, F. Stairs, I. Lorimer, D.	Columbia Astrophysics Laboratory University of British Columbia	F. D. Ghigo	Timing observations of the young pulsar in supernova remnant 3C58 [F. Camilo]	8L	B	18	4.00

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

\* [ ] indicates secondary project; ( ) indicates primary project

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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	Backer, D. C. Ransom, S.	University of Manchester University of California, Berkeley McGill University						
GBT02C-049	Margot, J.L. Peale, S. Slade, M.	Caltech (Geo. and Planetary) Dept. of Physics, U. of Calif., Santa Barbara JPL	F. D. Ghigo	The interiors of Mercury and Venus from their spin dynamics [J.L. Margot]	X	O	5 13 23	9.75
GBT03A-027	Ransom, S. Kaspi, V.	McGill University McGill University	F. D. Ghigo	Confirmation observations of a Newly Discovered Pulsar [S. Ransom]	L68	B	10 20	4.50
Comm	Ghigo			K band commissioning	K	S	22 23 (4 9 10 19 20 21 28)	16.50 (73.00)
Comm	Braatz			OH IR Galaxy survey	L	SP	[25]	[20.00]
Comm	Maddalena			Obs checkout	K	S	31 (30)	3.00 (7.00)
Comm	Carilli Walter Lo			Tests & Obs Checkout	K	S	(24 25 26 27)	(80.00)
Shutdown	NRAO staff			Un-assigned Shutdown			31	7.50
Maint	NRAO staff			Maintenance	L	P	3 6 7 8 9 10 13 14 16 17 20 21 22 23 27 28 29 30 31	136.00
Setup	NRAO staff			Observation setup	L6S8X	PSBOD	2 5 11 12 13 14 17 18 19 23 [9 19 21] (30)	11.50 [3.00] (1.00)
Tests	Fisher			(BYU) RFI Mitigation tests	L	P	30 31	7.00
Tests	NRAO staff			Baseline Tests	LCUSK	DSP	3 8 10 13 17 23 27 29	45.00
Tests	Norrod			IF checks		D	14	4.00
Tests	Braatz			K band tests	K	S	29	8.00
Tests	Minter			M&C Reg tests	LSCKU	DSP	13 14	14.75
Tests	Prestage			PTCS tests	LCXSK	D	1 2 5 6 21 22 28	70.75

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Tests	Troland Heiles			Polarization Tests	LCX	P	2 3 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 [4]	204.25 [24.00]
Tests	Fisher			RFI tests	L	PS	3	3.00
Total Hrs	Shutdown	7.50		99.50				
	Astronomy	50.75		3.00				
	Setup	12.50		20.00				
	Commissioning	179.50						
	Maintenance	136.00						
	Un-assigned	1.00		2				
	Tests	356.75						

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