

# GBT Observing Schedule for August 2005

Proposal	Investigators	Institute	NRAO Friend	Title	Bands	Back Ends	Days *	Hrs *
BB202	Bower, G. C. Anderson, J.	UC Berkeley Rice University		Trigonometric Parallax of a Radio Star in the Pleiades [G. C. Bower]	X	V	5	8.00
BB203	Barvainis, R. E. Ulvestad, J. Birkinshaw, M. Lehar, J.	National Science Foundation NRAO University of Bristol CombinatoRx		Are Radio-Quiet Quasars Superluminal? [R. E. Barvainis]	C	V	19	5.00
BB208	Barvainis, R. E. Antonucci, R. J. Ulvestad, J.	National Science Foundation UCSB NRAO		Imaging a Water Maser at z = 0:66 [R. E. Barvainis]	U	V	28	6.00
BB209	Boyce, E. Hewitt, J. N. Myers, S.	MIT Massachusetts Institute of Tec NRAO New Mexico Facilities		Observations of Gravitational Lens Central Images [E. Boyce]	CX	V	19	2.50
BJ059	Jonker, P.G. Chatterjee, S. Gaensler, B.M. Fender, R.P. Maccarone, T. Pooley, G. G.	CfA CfA CFA University of Amsterdam Mullard Radio Astronomy Observ		Milliarcsecond Scale Imaging of the jet in a neutron star [P.G. Jonker]	C	V	21	2.00
BL132	Lazio, T. J. Goss, W. M. Brogan, C.L. Stanimirovic, S. Faison, M.	Naval Research Laboratory NRAO-SOC JCMT UC Berkeley (Astronomy) Yale		Small-Scale H I Opacity Variations Toward 3C 147 [T. J. Lazio]	L	V	21	16.00
GBT04C-008	Pidopryhora, Y. Shields, J. Lockman, F. J.	Ohio University Ohio University NRAO-GB		Mapping the Galactic Halo HI: Evidence of Outflow from the Galactic Plane? [Y. Pidopryhora]	L	P	21 22	3.25
GBT04C-018	Bolatto, A. Darling, J.	University of California at Berkeley Carnegie Institution of Washington (Headquartes)	F. D. Ghigo	A Search for Cosmological HI Absorption Systems Toward Radio Selected Flat-Spectrum Sources [A. Bolatto]	6	S	20	12.25
GBT04C-043	Ransom, S.	NRAO	S. Ransom	Timing the Eccentric Millisecond Pulsar Binary in Globular	3	G	13	1.00

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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

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	Freire, P. Gupta, Y.	Arecibo Observatory National Centre for Radio Astrophysics		Cluster NGC 1851 [S. Ransom]				
GBT04C-050	Lane, W.M. Fisher, R. Kanekar, N. Darling, J.	Naval Research Lab NRAO Green Bank Facility NRAO-AOC Carnegie Institution of Washington (Headquartes)		Measurement of Variable Redshifted 21 cm Absorption [W.M. Lane]	A	P	5	1.50
GBT05A-003	Campbell, B. Carter, L. Campbell, D. B.	Smithsonian Institute Smithsonian Institution Cornell University	F. D. Ghigo	Radar Mapping of the Moon at 70-cm Wavelength Using Arecibo and the GBT [B. Campbell]	4	O	24 25 26	11.00
GBT05A-011	Ransom, S. Camilo, F. Stairs, I. Kaspi, V. Hessels, J. W. T. Freire, P.	NRAO Columbia Astrophysics Laboratory University of British Columbia McGill University McGill University Arecibo Observatory	S. Ransom	Timing of the Binary and Millisecond Pulsars in Terzan5 [S. Ransom]	S	GO	18 19	7.50
GBT05A-030	Bania, T. M. Rood, R. T. Balsler, D.S. Quireza, C.	Boston University University of Virginia NRAO - Green Bank University of Virginia	D.S. Balsler	Stalking the Cosmic 3-Helium Abundance [T. M. Bania]	X	SD	29 30	5.50
GBT05A-041	Demorest, P. Backer, D. C. Ferdman, R. Stairs, I. Nice, D. Ramachandran, R.	UC Berkeley (Physics) University of California, Berkeley University of British Columbia University of British Columbia Princeton University UC Berkeley (Astronomy)	S. Ransom	Precision Timing of Binary and Millisecond Pulsars [P. Demorest]	L8	COG	26 27	7.00
GBT05A-048	Camilo, F. Ransom, S. Gaensler, B.M. Lorimer, D. Manchester, D.R. N.	Columbia Astrophysics Laboratory NRAO CFA University of Manchester Australia Telescope		Exploratory Time Request: Have we detected the very young pulsar in SNR G21.5-0.9? [F. Camilo]	8	BG	27 28	1.50
GBT05B-007	Minter, A.	NRAO - Green Bank	A. Minter	Does Pulsar Scattering Arise in Photo-dissociation Regions of Molecular Clouds? [A. Minter]	L	P	5 6 7 8 24 25 28 29 30	46.50

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GBT05B-009	Hyman, S. Lazio, T. J. Ray, P.S. Kassim, N. E.	Sweet Briar College Naval Research Laboratory Naval Research Lab NRL	S. Ransom	A Coherently-Emitting Radio Transient Source Toward the Galactic Center? [S. Hyman]	3S	G	12 13	6.00
GBT05B-011	Minter, A.	NRAO - Green Bank	A. Minter	Using Pulsar HI Absorption to Determine the Distance to the Local Spiral Arm in the Second Quadrant of the Galaxy [A. Minter]	L	P	3 4 5 6 7 8 9 12	39.25
GBT05B-018	Kanekar, N. Chengalur, J. Ellison, S.E.	NRAO-AOC NCRA (TIFR) University of Victoria	A. Minter	Do the fundamental constants change with time ? [N. Kanekar]	A4	P	6 7 23	25.00
GBT05B-019	Roberts, M. Hessels, J. W. T. Bretton, Rene Ransom, S. Kaspi, V.	McGill University (Physics Dept) McGill University McGill University NRAO McGill University	S. Ransom	Examining the Intermittent Emission of PSR J1744-3922 [M. Roberts]	S	GB	22	5.00
GBT05B-020	Morris, M. R. Ceccarelli, C. Wiesenfeld, Laurent Valiron, Pierre Faure, A.	UCLA Observatoire de Grenoble Universite Joseph Fourier, Grenoble Laboratoire d'Astrophysique, Univ. J. Fourier, Grenoble Observatoire de Grenoble	R. Maddalena	Cyanopolyynes in the Galactic Center [M. R. Morris]	CX	S	3 4 5	13.50
GBT05B-024	Yusef-Zadeh, F. Hewitt, J. Roberts, D.A.	Northwestern University Northwestern University North Western University	R. Maddalena	RRL observations of diffuse thermal sources near the Galactic Center nonthermal radio filaments [F. Yusef-Zadeh]	X	S	20 (9 10 11 12 19 20 21 23 31)	1.00 (27.75)
GBT05B-025	Blanton, Michael Geha, Marla West, A.A. Pizagno, J. Weinberg, D. H. Dalcanton, J. Garcia, D.	New York University Carnegie Observatories University of Washington Ohio State University Ohio State University University of Washington University of Wales Cardiff	K. O'Neil	HI content and dynamics of low luminosity galaxies [Michael Blanton]	L	S	1 2 3	27.00
GBT05B-026	Williams, Rik Mathur, S.	Ohio State University Ohio State	K. O'Neil	Searching for 21 cm Emission from Nearby X-ray Absorbers [Rik Williams]	L	S	13 14 16 17	15.50

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	Nicastro, Fabrizio Elvis, M. Rodriguez, M	Harvard-Smithsonian Center for Astrophysics CfA Harvard-Smithsonian Center for Astrophysics						
GBT05B-028	Freire, P. Ransom, S. Hessels, J. W. T. Stairs, I. Begin, S.	Arecibo Observatory NRAO McGill University University of British Columbia University of British Columbia	S. Ransom	A GBT S-band Globular Cluster Survey: Phase A [P. Freire]	S	G	[15 16 17 18 19 20 23 31]	[29.00]
GBT05B-032	Thorsett, S. Stairs, I. Arzoumanian, Z.	University of California, Santa Cruz University of British Columbia NASA/GSFC	S. Ransom	Timing the millisecond pulsar B1620-26 with the GBT [S. Thorsett]	L	PG	27	1.00
GBT05B-034	Stairs, I. Camilo, F. Kramer, M. Faulkner, A. McLaughlin, M. Lyne, A. G. Hobbs, G. Manchester, D.R. N. Possenti, A. D'Amico, N. Burgay, M. Ferdman, R. Ramachandran, R. Backer, D. C. Demorest, P. Nice, D.	University of British Columbia Columbia Astrophysics Laboratory NRAL Nuffield Radio Astronomy Laboratories University of Manchester NRAL Australia Telescope National Facility (ATNF) Australia Telescope Osservatorio di Cagliari Osservatorio di Cagliari Osservatorio di Bologna University of British Columbia UC Berkeley (Astronomy) University of California, Berkeley UC Berkeley (Physics) Princeton University	S. Ransom	Timing Binary and Millisecond Pulsars from the Parkes Multibeam Survey [I. Stairs]	L	BOG	26 27	10.50
GBT05B-036	Law, C. Yusef-Zadeh, F. Backer, D. C.	Northwestern University Northwestern University University of California, Berkeley	R. Maddalena	Ionized Gas in the Galactic Center Lobe [C. Law]	C	S	[9 10 11 12]	[14.00]
GBT05B-042	Kramer, M. Stairs, I. Camilo, F. McLaughlin, M. Lyne, A. G. Manchester, D.R.	NRAL University of British Columbia Columbia Astrophysics Laboratory University of Manchester NRAL Australia Telescope	S. Ransom	Timing and General Relativity in the Double Pulsar System [M. Kramer]	L8	BOG	27	5.00

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	N. Possenti, A. D'Amico, N. Burgay, M. Freire, P. Joshi, B. Ferdman, R.	Osservatorio di Cagliari Osservatorio di Cagliari Osservatorio di Bologna Arecibo Observatory National Centre for Radio Astrophysics (India) University of British Columbia						
GBT05B-044	McLaughlin, M. Possenti, A. Stairs, I. Kramer, M. Lyne, A. G. Lyutikov, M. Burgay, M. Manchester, D.R. N. Freire, P. Camilo, F.	University of Manchester Osservatorio di Cagliari University of British Columbia NRAL NRAL McGill University Osservatorio di Bologna Australia Telescope Arecibo Observatory Columbia Astrophysics Laboratory	S. Ransom	Studying the Interactions in the J0737-3039 System [M. McLaughlin]	3	BYG	14	4.50
GBT05B-045	Jacoby, B. Cameron, P. Kaplan, D.L. Knapp, E.	Caltech Astronomy Caltech Astronomy Massachusetts Institute of Technology (Astrophysics) NRAO Green Bank Facility	S. Ransom	Searching for pulsars in the newly-discovered globular cluster GLIMPSE-C01 [B. Jacoby]	S	G	13 14	8.00
GBT05B-049	Heatherly, S.			WV Governor's School [S. Heatherly]	CLX	DSP	8 9 10 11	10.00
GBT05B-053	Maddalena, R. Ghigo, F. D. Heatherly, S.	NRAO-Green Bank NRAO-GB		Mapping the Moon and M8 with the GBT - HOU Workshop [R. Maddalena]	X	D	13 14	12.25
GBT05B-054	Carignan, C. Chemin, L. Lockman, F. J.	Universite de Montreal University of Montreal NRAO-GB		HI Kinematics in the Outer Parts of M31 [C. Carignan]	L	P	20	7.25
Maint	NRAO staff			Install PF1	3		12	4.00
Maint	NRAO staff			Install 800MHz			26	3.25
Maint	NRAO staff			Maintenance			1 2 3 4 8 9 10 11 15 16 17 18	202.00

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							19 22 23 24 25	
Not Sched	NRAO staff						10 11 13 16 17 19 21 22 24 25 26 27 28 29 30 31	77.50
Setup	NRAO staff			Observation setup	XCUL63A4S8	VPSGODCBY	1 2 3 4 5 6 7 8 9 12 13 14 16 18 19 20 21 22 23 24 25 26 27 28 29 30 [9 11 15 17 19 20 23 31] (9 11 19 20 23 31)	29.75 [4.00] (3.00)
Tests	Ghigo			Astrid tests	L	DSP	12	2.75
Tests	NRAO staff			GenTests	LSCX	DSP	(15 16 17 18)	(27.00)
Tests	NRAO staff			M&C Integ	LSXCU	DSP	8 10 16	12.00
Tests	NRAO staff			M&C Reg Tests	LSXCU	DSP	14 15	12.00
Tests	NRAO staff			RCO 340 MHz	3	DSP	31	1.50
Tests	NRAO staff			RCO 350 MHz	3	DSP	12	1.50
Tests	NRAO staff			RCO 450 Mhz	4	DSP	22 23	2.00
Tests	NRAO staff			RCO 600 MHz	6	DSP	19	2.00

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Tests	NRAO staff			RCO 800 MHz	8	DSP	26	1.50
Tests	NRAO staff			RCO Ku Band	U	DSP	12	2.00
Tests	Fisher			RFI tests	A	DSP	5	2.75
Total Hrs	Astronomy	355.00	43.00					
	Setup	32.75	4.00					
	Maintenance	209.25						
	Un-assigned	80.00						
	Tests	67.00						

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