

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. Freire, P. Gupta, Y.	NRAO Arecibo Observatory National Centre for Radio Astrophysics	S. Ransom	Timing the Eccentric Millisecond Pulsar Binary in Globular Cluster NGC 1851 [S. Ransom]	3	G	13	1.25
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 21cm 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

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

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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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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	51.75
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 16 17 18 19	55.25
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. Breton, 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	UCLA Observatoire de Grenoble Universite Joseph Fourier, Grenoble	R. Maddalena	Cyanopolyynes in the Galactic Center [M. R. Morris]	CX	S	3 4 5	13.50

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	Valiron, Pierre Faure, A.	Laboratoire d'Astrophysique, Univ. J. Fourier, Grenoble Observatoire de Grenoble						
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	11 12 20 (19 20 21 23 31)	8.00 (13.75)
GBT05B-025	Blanton, Michael Geha, Maria 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. Nicastro, Fabrizio Elvis, M. Rodriguez, M	Ohio State University Ohio State Harvard-Smithsonian Center for Astrophysics CfA Harvard-Smithsonian Center for Astrophysics	K. O'Neil	Searching for 21 cm Emission from Nearby X-ray Absorbers [Rik Williams]	L	S	13 14 16 17	19.25
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)	16.00 (13.00)
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)	S. Ransom	Timing Binary and Millisecond Pulsars from the Parkes Multibeam Survey [I. Stairs]	L	BOG	26 27	10.50

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		Princeton University						
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	7.00
GBT05B-042	Kramer, M. Stairs, I. Camilo, F. McLaughlin, M. Lyne, A. G. Manchester, D.R. N. Possenti, A. D'Amico, N. Burgay, M. Freire, P. Joshi, B. Ferdman, R.	NRAL University of British Columbia Columbia Astrophysics Laboratory University of Manchester NRAL Australia Telescope Osservatorio di Cagliari Osservatorio di Cagliari Osservatorio di Bologna Arecibo Observatory National Centre for Radio Astrophysics (India) University of British Columbia	S. Ransom	Timing and General Relativity in the Double Pulsar System [M. Kramer]	L8	BOG	27	5.00
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	11.00
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
GBT05B-058	Yun, M. Langston, G. I. Chen, Y.	University of Massachusetts NRAO-GB CfA		Completion of the HI survey of 160 micron sources in the Spitzer FLS field [M. Yun]	L	S	25 26	4.25

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Calibratio	Prestage			Pointing	X	DSP	10	6.00
Maint	NRAO staff			Install 800MHz			26	3.25
Maint	NRAO staff			Maintenance			1 2 3 4 8 9 10 11 15 16 17 18 22 23 24 25 29 30 31	199.50
Not Sched	NRAO staff						21 24 25 27 28 29 30 31	40.00
Setup	NRAO staff			Observation setup	XCUL63A4S8	VPSGODCBY	1 2 3 4 5 6 7 8 9 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 [19 20 23 31] (19 20 23 31)	34.25 [2.00] (2.00)
Tests	Ghigo			Astrid tests	L	DSP	12	4.75
Tests	Maddalena			C band tests	C	DSP	16	3.00
Tests	NRAO staff			M&C Integ	LSXCU	DSP	8 10 16	11.50
Tests	NRAO staff			M&C Reg Tests	LSXCU	DSP	14 15	12.00
Tests	SHelton			M&C tests	L	DSP	12	4.00
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
Tests	NRAO staff			RCO 800 MHz	8	DSP	26	1.50
Tests	Ghigo			RCO Ku band	U	DSP	11	3.50
Tests	Fisher			RFI tests	A	DSP	5	2.75
Total Hrs	Astronomy Setup	401.50 _ 36.25	13.00 _ 2.00					

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	Calibration	6.00						
	Maintenance	202.75						
	Un-assigned	47.50						
	Tests	50.00						

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